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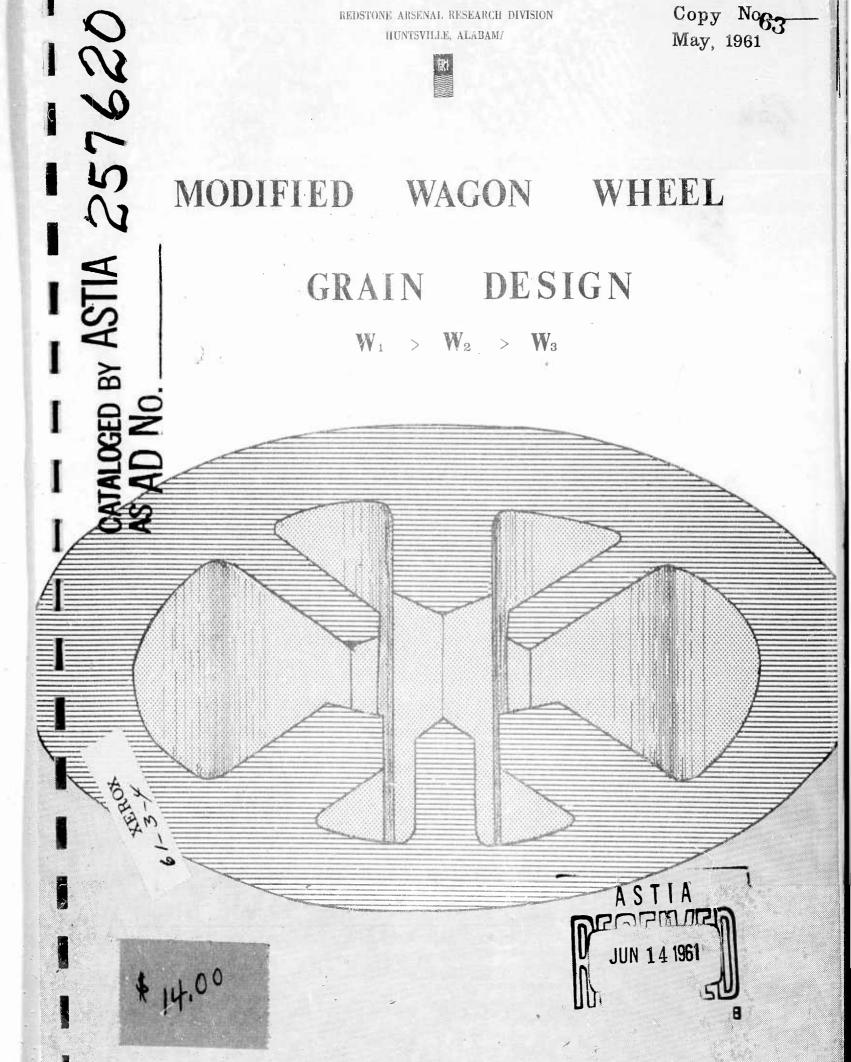
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MODIFIED WAGON WHEEL

GRAIN DESIGN

 $W_1 > W_2 > W_3$ 



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# REDSTONE ARSENAL RESEARCH DIVISION HUNTSVILLE, ALABAMA

REPORT NO: S-30

# THE MODIFIED WAGON WHEEL GRAIN DESIGN

 $w_1 > w_2 > w_3$ 

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# **ABSTRACT**

A modification of the wagon wheel grain design is considered in which short spears or spokes of propellant alternate with longer ones, and in which three different webs give rise to a three-level surface-time history.

There are six possible combinations of these webs under the limitation that the outer web must always be equal to or greater than either of the other two. This report discusses the analysis for the case where  $w_1 > w_2 > w_3$ , and presents tabulated data resulting from the solution for a wide range of parameters of the equations which characterize the design.

#### THE MODIFIED WAGON WHEEL DESIGN

 $w_1 > w_2 > w_3$ 

### INTRODUCTION

The equations which characterize the modified wagon wheel grain design were reported a few years ago. They were programmed for an IBM 704 computer and a series of calculations was made; however, a rather small number of valid answers was received for a wide range of input values. It was felt that there was an error in the computer program, but because of the low priority assigned to the project it was put aside. Much later it was determined that the trouble really was in the interpretation of the results, in that the equations are very sensitive to small changes in the parameters that were being varied and the increments chosen were large enough to obscure most of the valid solutions. This was discovered when part of the problem was re-programmed for a small computer, the LGP-30. At the same time it became apparent that there was not a suitable way to present all the necessary data about each configuration in graphical form, as had been done with the star and wagonwheel2,3, and more recently with the slotted-tube design.4 This report, and similar ones to follow, result from the decision to use the LGP-30 to calculate a complete set of configurations, print the answers, and photographically reproduce the sheets of printed data. Although lacking the continuity and some of the convenience of graphical presentation, it is more accurate and much more complete in its present form.

#### NOMENCLATURE

The terms that are used in the discussion and in the equations are defined below, and most are represented on the drawings which follow the text of the report.

N = number of long spokes, or spears of propellant, or the number of short spokes, but not the sum of both.

D = outside diameter of the grain; also the inside diameter of the motor for case-bond grain.

 $w_1$  = major web, or shortest burning distance to the outside.

<sup>&</sup>lt;sup>1</sup>M. W. Stone, "A Practical Mathematical Approach to Grain Design," <u>Jet Propulsion</u>, Vol. 28, No. 4 (April 1958), pp 236-244.

<sup>&</sup>lt;sup>2</sup>Rohm & Haas Co. Quarterly Progress Report on Interior Ballistics, Rept. No. P-55-15, July 1955, Conf.

<sup>&</sup>lt;sup>3</sup>Ibid, Report No. P-56-1, February 10, 1961, Conf.

<sup>&</sup>lt;sup>4</sup>M. W. Stone, "The Slotted Tube Grain Design," Rohm & Haas Company Rept. No. S-27, December 23, 1960.

w<sub>2</sub> = one-half the thickness of the short spoke.

w<sub>3</sub> = one-half the thickness of the long spoke.

r = radius of stress relief fillets.

 $\beta = \pi/N$ 

PR = progressivity ratio

propellant surface area at end of interval »

propellant surface area at beginning of interval

= loading fraction = cross-sectional area of propellant cross-sectional area of motor

SF sliver fraction

cross-sectional area of unburned propellant at major web burnout

## DISCUSSION

wagonwheel design in which two major changes are considered. One is the use of alternately long and short spokes, or spears of propellant; and the other is the designation of three different webs, resulting in three levels of thrust via three different levels of surface area during the course of burning. This report is confined to the case where  $w_1 > w_2 > w_3$ ; subsequent reports will consider the other combinations of webs, e. g.,  $w_1 > w_2 = w_3$ .

The equations by which the data in this report were obtained derive directly from the geometrical relationships evident in Fig. 3 and from the ballistic definitions found in the section titled "Nomenclature." Proceeding in a logical order, the equations may be written as follows for the angles.

$$\mathbf{a} = \beta - \arcsin \frac{\mathbf{r} + \mathbf{w_3}}{\frac{\mathbf{D}}{2} - \mathbf{r} - \mathbf{w_1}}$$
 (1)

$$r = \arcsin \frac{\frac{r + w_2}{D}}{\frac{D}{2} + r - w_1}$$
 (2)

$$\theta = 90 + \beta = \alpha \tag{3}$$

$$\phi = 90^{\circ} + \gamma \tag{4}$$

The length of K, the side of the short spear, can be represented by Eq. 5.

$$K = L - m + \frac{r + w_2}{\tan \gamma} - \frac{w_2 - w_3}{\tan \beta} - \frac{r + w_3}{\tan (\beta - \alpha)}$$
 (5)

The length of L, the side of the long spear, can be found from the progressivity ratio equation because it is more practical to specify PR than L. However, such a course may give rise to impossible values of L, i.e., negative values or values so large that the long spear would pass through the center of the motor and "overlap" other spears. It is necessary to define maximum and minimum values for L in terms of the problem parameters. The maximum value occurs when z (see Fig. 3) is zero, the minimum value when K is zero. These criteria may be translated into the following equations:

$$L_{\text{max}} = \frac{r + w_3}{\tan (\beta - a)} - \frac{w_3}{\tan \beta}$$
 (6)

$$L_{\min} = m + \frac{w_2 - w_3}{\tan \beta} + \frac{r + w_3}{\tan (\beta - \alpha)} - \frac{r + w_2}{\tan \gamma}$$
 (7)

Progressivity ratio is usually defined as the ratio of final to initial surface. In a multistep trace, such as this grain will produce (see Fig. 2), the foregoing definition is inadequate and meaningless. A separate PR must be computed for each step, as follows (again refer to Fig. 2):

$$PRb = \frac{\text{surface at B}}{\text{surface at AB}}$$
 (9)

$$PRc = \frac{\text{final surface}}{\text{surface at BF}}$$
 (10)

Equation 8 will be used to define L, with all other parameters set; therefore, the remaining surfaces and thence PRb and PRc can be calculated. A more detailed equation for PRa is

$$PRa = \frac{2N}{S_1} \left[ K + L - 2m + \frac{w_2 - w_3}{\sin \beta} + (r + w_3)(\theta + \phi) + \frac{2w_3}{\tan \beta} + \left( \frac{D}{2} - w_1 + w_3 \right) (\alpha - \gamma) \right]$$
(11)

where 
$$S_i = 2N \left[ m + n + K + L + r \left( \theta + \phi \right) + \left( \frac{D}{2} - w_1 \right) (\alpha - \gamma) \right]$$
 (12)

After Eq. 11 has been solved for L, then surface AB can be found from Eq. 13.

Surface AB = 
$$2N\left[K + \frac{w_2 - w_3}{\sin \beta} - m + \frac{w_3}{\tan \beta} + (r + w_3)(\theta + \phi) + \left(\frac{D}{2} - w_1 + w_3\right)(\alpha - \gamma)\right]$$
 (13)

And the other surfaces are

Surface B = 2N 
$$\left[K-n + \frac{w_2}{\tan \beta} + (r+w_2)(\theta+\phi-\psi) + \left(\frac{D}{2} - w_1+w_2\right)(\alpha-\gamma)\right]$$
 (14)

where 
$$\Psi = \arctan \frac{\sqrt{(r+w_2)^2 - (r+w_3)^2}}{r+w_3}$$
 (15)

Surface BF = 
$$2N\left[(\mathbf{r}+\mathbf{w_2})(\theta+\phi-\psi)+\left(\frac{\mathbf{D}}{2}-\mathbf{w_1}+\mathbf{w_2}\right)(\mathbf{q}-\gamma)\right]$$
 (16)

and 
$$\hat{S}_{f} = 2N \left[ \frac{\hat{D}}{2} (\alpha - \gamma) + (r + w_{1})(\lambda + \mu) \right] \qquad (17)$$

where 
$$\lambda = \phi - \arccos \frac{r + w_2}{r + w_1}$$
 (18)

and 
$$\mu = \theta - \arccos \frac{r + w_3}{r + w_1} \tag{19}$$

In looking at Fig. 1 and observing how burning would progress as the surface recedes in parallel layers, one notes that a special situation may arise when the short spear is very short, i.e. K is close to zero. Such a case is shown in Fig. 4, where it is seen that K disappears completely before we burns out (it may even happen before we burns out) and the propellant surface in that region is no longer correctly identified by the equations previously presented. Not only has the straight side of the short spear disappeared, but the angle  $\phi$  has been diminished by the angle  $\zeta$ .

In computing specific solutions for this design, each must be checked for the above condition, and appropriate changes made if it exists. The checking and correction may be accomplished as follows:

Calculate surface AB, then test if

$$w_3 > K \tan \frac{180^{\bullet} - \beta}{2}$$
 (20)

If not, no correction is required. If w<sub>3</sub> is larger, however, subtract from surface A the following quantity:

$$2N\left[(r+w)\zeta + K + \frac{w_3}{\tan \beta} - m\right]$$
 (21)

where & is found by iteration from

$$\sin \zeta + (\cos \zeta) \tan (90^{\circ} - \beta) = \frac{\sin \beta}{\sin \beta} - K + r \tan (90^{\circ} - \beta)$$

$$r + w_{\bullet} \qquad (22)$$

Now PRa must be recalculated from the corrected surface A and the original S. (Originally PRa was chosen and L was the dependent variable; now the correction must extend all the way back to PRa.)

When a correction is required for surfaces A and AB, then one will also be required for surfaces B and BF. If no correction were applied for w<sub>3</sub>, however, there is still the possibility that one will be needed when w<sub>2</sub> burns out. The test is, similarly,

$$w_2 \geq K \tan \frac{180}{2} \qquad (23)$$

If  $w_2$  is greater, use Eq. 22 to calculate  $\zeta$ ; substituting  $w_2$  for  $w_3$ . Now, surfaces B and BF will be equal to each other and may be calculated by Eq. 24.

$$SB = SBF = (r+w_2)(\phi + \theta - \psi + \zeta) + \left(\frac{D}{2} - w_1 + w_2\right) \cdot (\phi - \gamma) \qquad (24)$$

Equation 24 is also used when it is unnecessary to test we because we has previously met the test

This means that there is no step-down in the surface time history, when we burns out, resulting in a two-level trace. Such cases are shown on the data sheets by the printing of "Two-Level Thrust" following the case.

Equation 17 is still considered to be valid for final surface.

## SUMMARY

The data which follow were computed on the LGP-30 digital computer. Identifying symbols are printed before each number for convenience. An attempt was made to vary the parameters w<sub>1</sub>, w<sub>2</sub>, w<sub>3</sub>, PRa, and N over a sufficiently wide range to cover the cases of practical interest. The increment sizes for the webs and PRa are small to permit adequate coverage. The stress relief radius r was chosen to be 0.03 D in., the same as that used previously in star, wagon wheel and slotted tube work.

# 'ACKNOWLEDGEMENT

Mrs. Mary Lou Cagle programmed the equations and computed the data on the LGP-30 computer.

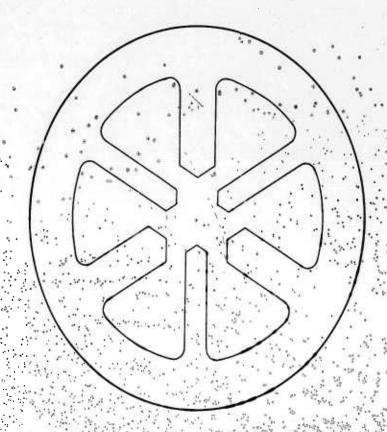


Fig. 1 Modified wagon wheel design, wi > w2 > w3:

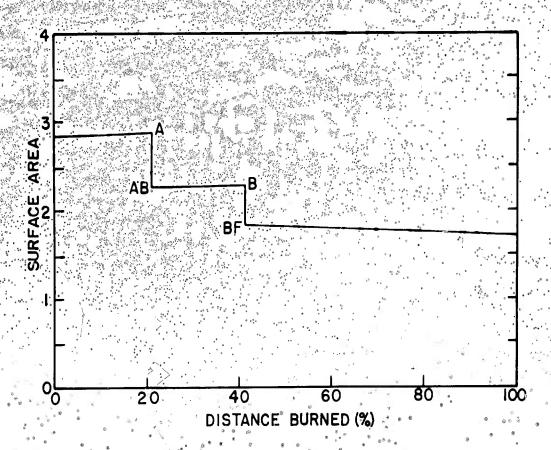


Fig. 2 Three-step surface time trace.

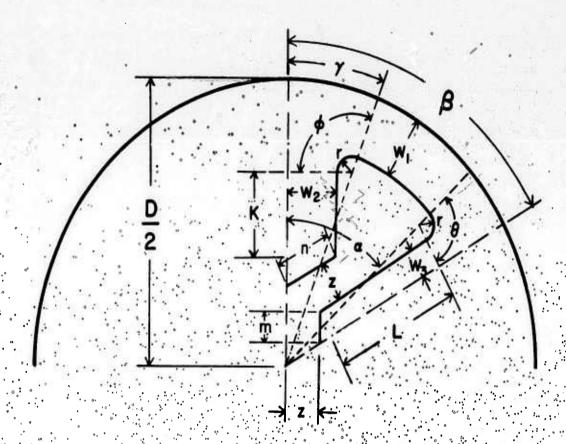


Fig. 3 Sector of modified wagon wheel design,  $w_1 > w_2 > w_3$ 

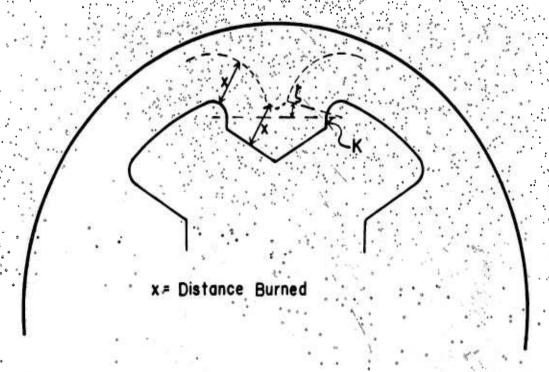


Fig. 4 Special case when K is small?

|    | M     | 2.0000000  | wl     | .0600000  | w2        | .0400000          | w3                                      | .0200000     | SF         | .0071287   | LFr      | .3446140   |   |
|----|-------|------------|--------|-----------|-----------|-------------------|---|--------------|------------|------------|----------|------------|---|
|    |       | 1.0100000  |        | .9999866  | PRC       | .9987252          | L                                       | .3614159     | min        | .0229831   | max      | 4069856    |   |
|    |       |            |        | 4.390442  | Sf        | 3.192577          | ĸ                                       | 3384328      |            | .0455697   | 127      |            |   |
|    | Si    | 5.699114   |        | 9.830318  |           | 7.004632          | the                                     | 97.004655    | z<br>phi   |            | m.       | •0200000   | 9 |
|    | n     | • .0400000 | gam    | 9.050510  | b-al      | 1.004032          | one                                     | 91.004055    | but        | 99.830342  |          |            |   |
|    | 27    | 0.000000   | 7      | - 0800000 | • • • • • | diamon            | • | °.0200000    | CP ·       | 0062742    | * T IP   | 4183197    |   |
|    | N     | 2.0000000  |        | .0800000  | w2        | .0400000          | w3                                      |              | SF         |            | LFr      |            |   |
|    | PRA   | 1.0100000  |        | 9999864   | PRC       | 1.0325178         | L.                                      | 3772259      | min        | .0231368   | max      | .3868222   |   |
|    | . Si  | 5.699115   | SAB    | 4.327203  | Sf        | 3.170644          | * K                                     | 3540891      |            | .0095964   | · m      | • 0200000  |   |
|    | n     | .0400000   | gam    | 10.339847 | 0-81      | .7.365781         | the                                     | 97.365804    | phi        | 100.33987  |          | •          |   |
|    | 1     | 0.000000   |        | 000000    | ٠.        | 05,00000          | 7                                       | ~^^*         | ° cm ·     | .0086441   | T Files  | 1,7951,00  |   |
|    | N     | 2.00000000 |        | .0800000  | M5        | .0500000          | *. w3                                   | .0200000*    | SF         |            | LFr      | 4385490    |   |
|    | PRA   | 1.0100000  |        | 1.0089935 | PRC       | 1.0113468         | . L                                     | 3783035      | min        | 0251025    | Me.x     | .3868222   |   |
|    | Si    | 5.699111   | SAB    | 4.322888  | Sf        | 3:184693          | K                                       | 3532011      | Z          | .0085187   |          | .0200000   |   |
|    | n,    | 05 000000  | gam    | 11.836985 | b-al      | 7:365781          | the                                     | 97.365804    | phi        | 101.83701  | •        |            |   |
|    |       |            |        | .000000   |           | 05.00000          |   | 070000015    | CB         | 0000600    | 7.73     | 706707h    |   |
|    | N     | 2.0000000  | •      | 0800000   | . M5      | .0500000          | . w3                                    | .0300000:    | SF         | 0098600    | LFr      | 3867874    |   |
|    | PRA   | 1.0200000  |        | .9961002  |           | 1.0084154         | L.                                      | 2045384      | min        | 0336650    | mex.     | . 385 3848 |   |
|    | Si .  | 4.274334   | · SAB  | 3.661668  | Sf        | 3.190520          |   | 1708733      | . z        | 1808464    | ,        | 0300000    |   |
|    | 'n    | .0500000   | gam    | 11.836985 | . b-al    | 8.849800          | the                                     | 98.849823    | phi        | 101.83701  |          |            | • |
|    |       | Ì          |        |           |           |                   |   |              |            | 0330037    |          | h=00000    | • |
|    | N     | 2:0000000  | wl .   | 0800000   | w2 ·      | .0600000          | -                                       | 0200000      | SF         | .0118017   | LFr      | .4588909   | • |
|    | PRA   | 1.0100000  | . PRB. | 1.0186542 | . PRC .   | ·9929 <b>9</b> 57 |   | 37.95414     | min        | .0273326   | max      | .3868222   |   |
|    | Si    | 5.699113   | SAB.   | 4.317939  | .Sf       | 3.207030          | K                                       | 3522088      | . z        | . 0072809  | m        | .0200000   | • |
|    | n .   | . 0600000  | gam    | 13:342119 | b-al      | . 7.365781        | the                                     | 97.365804    | phi        | 103.34214  |          |            |   |
| ٠. |       |            |        |           |           |                   |   |              |            |            |          |            |   |
|    | N     | 2.0000000  | . wl   | .0800000  | . A5      | .0600000          | ж3.                                     | . :0300000   | SF         | .0130177   | LFr      | 3979054.   |   |
|    | PRA   | 1.0200000  | PRB    | 1.0062088 | PRC       | 9916538           | Γ                                       | .2057743     | min        | 0358952    | · INS.X  | 385 3848   | ľ |
|    | .Si   | 4.274321   | SAB    | 3.656710  |           | : 3.212857        | ,K                                      | .1698791     | 2          | 1796105    | . 10     | .0300000   |   |
|    | n     | .0600000   | gam    | 13.342119 | b-al      | 8.849800          | the                                     | 98.849823    | . phi      | 103.34214  |          |            |   |
|    | : 1   |            |        |           |           |                   |   |              |            |            | - 1      |            |   |
|    | N.    | 2.00000000 |        | .0800000  | w2.       | .0600000          | . w3                                    | 0400000      | SF         | .0146656   | LFr      | -3797951   |   |
|    | PRA   | 1.0300000  | PRB    | .9920221  | PRC       | .9891038          | L                                       | 1506310      | min        | .0441956   | max      | 3836852.   |   |
|    | 81    | 3.799403   | SAB    | 3.470861  | . Sf      | .3.221936.        | .' K .                                  | 1064354      | Z·         | .2330543   | m ·      | •0400000   |   |
|    | n     | .0600000   | Gam    | 13.342119 | b-al      | 10.339847         | the.                                    | 100.33987    | phi        | 103.34214  |          |            |   |
|    |       |            | - :-   |           |           |                   |   |              |            |            |          |            |   |
|    | N     | 2.0000000  | vl     | ·:1000000 | v2        | 0400000           | . V3.                                   | . 0200000    | SF         | :0058251   | LFr      | -3799934   |   |
|    | PRA : | 1.0199759  | PRB    | •9990553  |           | 1.1141869         | L                                       | 0368538      | min        | .0233078   | Mex      | .3666417   |   |
|    | Si .  | 2.849557   | SAB    | 2.839,065 | · Sr.     | 3.160260          | K                                       | .0135460     | z·         | .3297879   | m        | 0500000    |   |
|    | n'    | .0400000   | gam    | 10.905430 | b-al      | 7.766312          | the                                     | 97.766335    | phi        | 100.90545  | -2-TEA   | EL THRUST  | ٠ |
|    |       |            |        |           |           |                   |   |              | in Descri  |            |          |            |   |
|    | N ·   | 2.0000000  | wl     | .1000000  | w2        | .0500000          | <b>w</b> 3                              | .0200000 . : | ST         | .0079794   | LFr.     | 3829193.   |   |
| •  |       | 1.0199633  | PRB    | 1.0116164 |           | 1.1049931         | L                                       |              | · min      | 0253835    | max<br>m | 3666417    | • |
|    | Si    | 2.849544   | SAB    | 2.834445  | Sf        | 3.168426          | K                                       | .0126129     | . <b>Z</b> | .3286454   | •        | .0200000   | • |
|    | n.    | 05 000000  | . gam  | 12.486886 | · b-al    | 7.766312          | · the                                   | 97.766335    | phi-       | 102:48691  | 2-IEV    | el thrust  |   |
|    |       | ·          |        |           |           |                   |   |              |            |            |          |            |   |
|    |       | 2.0000000  | , wl   | 1000000   | `w2       | .0500000          | <b>w</b> 3                              | .0300000     | SF         | .0091066   | LFr      | 4589825    |   |
|    | •     | 1.0200000  | PRB    | .9960315  |           | 1.0442020         | ŢL "                                    | .2203941     | min        | .0338683   | max      | .3651266   |   |
| •  | Si ·  | 4.274336   | SAB    | 3.598246  | ∵∙Sf      | 3.172143          | K                                       | .1865258.    | Z * *      | 1447324    | <b>m</b> | .0300000   | • |
|    | n     | .0500000   | gam    | 12.486886 | b-al      | 9.332330          | the.                                    | 99.332353    | .phi       | 102.48691  |          | ę o        |   |
|    |       | - 1 - 1    | •      |           |           |                   | *                                       |              | • •        |            |          |            |   |
|    |       | 2.0000000  | wl     | :1000000  | w2        | .0500000          | <b>₩</b> 3 ੂੰ                           | ° 0300000°   | SF         | .0091066   | LFr      | .3864193   | i |
|    |       | 1.0293079  | PRB    | .9927612  |           | 1.1079744         | L                                       | .0422974     | min.       | 0338683    | max      | .3651266   | , |
|    | Si .  | 2.849562   | SAB    | 2.883887  | Sf        | 3.172143          | К                                       | .0084290     | Z.         | .3228292   | m.       | .0300000   | • |
|    | n ,   | .0500000   | gam    | 12.486886 | b-al      | 9.332330          | the                                     | 99.332353    | phi        | 102.48691  | 2-LEV    | el Thrust  |   |
|    | 20    |            | •      | •=        |           |                   |   | 9            |            |            | 111      |            | , |
|    |       | 2.0000000  | wl,    | .1000000  | w2        | .0600000          | <b>w</b> 3                              | .0200000     |            | .0107956   | LFr°.    | .3859673   |   |
|    |       | 1.0199445  | PRB    | 1.0247008 |           | 1.0970166         | L.                                      | .0393124     | min ·      | .0277396   | max      | .3666417   |   |
|    | S1,₃  | 2.849555   | SAB    | 2.829138  | Sf        | 3.180273          | K °                                     | .0115727     | <b>Z</b> . | .3273293   | m.       | .0200000   |   |
|    | n     | .0600000   | gam    | 14.077758 | b-al      | 7.766312          | the                                     | 97.766335    | phi        | 104.07778  | 2-LEVI   | EL THRUST  |   |
|    | 44    |            | .>     | 10        |           |                   | 9                                       | 44.          |            |            |          |            |   |
|    |       | 2.0000000  | wl     | .1000000  | M5        | .0600000          | ₩3 ®                                    | .0300000°    | SF         | .0119219 • | LFr      | .4709540   |   |
|    |       | 1.0200000  | PRB    | 1.0063189 |           | 1.0225571         | L                                       | .2217083     | min        | .0362245   | max      | . 365 1266 |   |
|    | Si    | 4.274331   | SAB    | 3.592984  | Sf        | 3.183990          |   | .1854838     | * Z        | :1434183   | , E      | .0300000   |   |
|    | n     | .0600000   | " Sam  | 14.077758 | b,-al     | 9.332330          | the                                     | 99.332353    | phi        | 104.07778  |          |            |   |
|    |       |            | 4      | ď.        |           |                   |   | 4            |            | -          | v ~      |            |   |

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|---|----------|------------|-----------|----------------------|-----|------------------|-----------------------|------------|--------------------------|-----------|----------------------|--------------|------------|
|   | N        | 2.0000000  | wl        | :1000000             |     | w2 ·             | .0600000              | w3         | .0300000                 | SF        | .0119219             | LFr          | .3893204   |
|   | PRA      | 1.0291973  | PRB       | 1.0037081            |     | PRC              | 1:1021145             | Ĺ          | .0436115                 | min       | .0362245             | max          | .3651266   |
|   | Si       | 2.849557   | SAB       | 2.878310             |     | Sf               | 3.183990              | ĸ          | .0073870                 | z         | .3215150             | • 1          | .0300000   |
|   | n        | .0600000   | gam       | 14.077758            |     | b-al             |                       | the        | 99.332353                | phi       | 104.07778            |              | VEL THRUST |
|   |          | ,          | -9        | 7.0011170            |     |                  | ,,,,,,,,,,,           | , ,        |                          |           |                      |              |            |
|   | N        | 2.0000000  | wl        | .1000000             |     | w2               | 0600000               | w3 -       | .0400000                 | SF        | .0134344             | LFr          | .4537029   |
|   | PRA      | 1.0300000  | PRB       | .9918733             |     | PRC              | 1.0186363             | Ĺ          | .1665249                 | min       | .0444315             | max          | .3633335   |
|   | Si       | 3.799401   | SAB       | 3.407284             |     | 51               | * 3.189575            | K          | . 1220934                | Z         | .1968086             | m            | .0400000   |
|   | n        | . 0600000  | gam       | 14.077758            |     |                  | 10.905430             | the        | 100.90545                | phi       | 104.07778            |              |            |
|   |          | *          |           |                      |     |                  |                       |            |                          |           |                      |              |            |
|   | N *      | 2.0000000  | - wl -    | .1000000             | ,   | <b>#</b> 2       | .0600000              | ¥3         | .0400000                 | SF        | .0134344             | LFr          | .3932333   |
|   | PRA      | 1.0373057  | PRB       | .9868379             | 3   | PRC              | 1.1051163             | L          | .0477944                 | min       | .0444315             | Max          | . 3633335  |
|   | S1       | 2.849557   | SAB       | 2.924684             |     | Sf               | 3.189575              | K          | .0033629                 | Z         | .3155392             | 20           | .0400000   |
|   | n        | .0600000   | gam       | 14.077758            | 1   | o-al             | 10.905430             | the        | 100.90545                | phi       | 104.07778            | 2-LE         | VEL THRUST |
|   |          |            |           |                      |     |                  |                       |            | *                        |           |                      |              | Table 1    |
|   | N        | 2.0000000  | wl        | .1000000             |     | 12               | .0700000              | <b>w</b> 3 | .0200000                 | SF        | .0144186             | LFr          | .3891640   |
|   | PRA      | 1.0199174  | PRB       | 1.0378504            | - 1 | PRC              | 1.0913749             | L          | .0408173                 | min       | .0304006             | <b>Me.</b> X | . 3666417  |
|   | Si       | 2.849560   | SAB       | 2.823047             | 5   | Sf               | 3.197619              | K          | .0104167                 | Z         | .3258244             | 10           | .0200000   |
|   | n        | .0700000   | gam       | 15.680121            | ì   | al.              | 7.766312              | the        | 97.766335                | phi       | 105.68014            | 2-LE         | VEL THRUST |
|   | (9)      | -          |           |                      | .ar |                  | J                     | - /        |                          |           |                      |              |            |
|   | N.       | 2.0000000  | wl        | 1000000              |     | 12               | .0700000              | <b>w</b> 3 | .0300000                 | SF        | .0155459             | LFr          | .4830847   |
|   | PRA      | 1.0200000  | PRB       | 1.0175816            |     | PRC              | 1.0026977             | L          | .2232132                 | min       | .0388855             | max          | .3651266   |
|   | Si       | 4.274336   | SAB       | 3.586970             | 8   | Sf               | 3.201337              | . K        | .1843278                 | Z         | .1419134             | M            | .0300000   |
|   | n        | .0700000   | gam       | 15.680121            | ì   | o-al             | 9.332330              | the        | 99.332353                | phi       | 105.68014            |              |            |
|   |          | N W        |           |                      |     |                  |                       | X.         |                          |           |                      |              |            |
|   | N        | 2.0000000  | wl        | .1000000             |     | 12               | .0700000              | <b>w</b> 3 | .0300000                 | SF        | .0155459             | LFr          | .3923798   |
|   | PRA      | 1.0290604  | PRB       | 1.0153984            |     | PRC              | 1.0978069             | L          | .0451145                 | min       | .0388855             | Max          | .3651266   |
|   | Si       | 2.849547   | SAB       | 2.871898             |     | Sf               | 3.201337              | K          | .0062291                 | Z         | .3200120             | m            | .0300000   |
| • | n        | .0700000   | . gam     | 15.680121            | ì   | -al              | 9.332330              | the        | 99-332353                | phi       | 105.68014            | 2-LE         | VEL THRUST |
|   |          |            |           |                      |     |                  |                       |            | -1                       |           |                      |              | 1.606020   |
|   | N .      | 2.0000000  | · wl      | .1000000             |     | 12               | .0700000              | w3         | .0400000                 | SF        | .0170574             | LFr          | .4626818   |
|   | PRA      | 1.0300000  | PRB       | 1.0021553            |     | PRC              | 1.0006460             | L          | .1680298                 | min       | .0470924             | Max          | .3633335   |
|   | Si       | 3.799406   | SAB       | 3.401270             |     | Sf .             | 3.206921              | K          | 1209374                  | Z,        | .1953037             | m            | .0400000   |
| Ŧ | n        | .0700000   | gam       | 15.680121            | t   | )-eT             | . 10.905430           | the        | 100.90545                | phi       | 105.68014            |              |            |
| ٠ | N        | 0.000000   | 1         | 1000000              | _   | ~                | 0700000               | 7          | .0400000                 | CE        | 017057               | T Pro        | .3961649   |
|   | N<br>PRA | 2.0000000  | wl<br>PRB | .1000000<br>.9962445 |     | 12<br>PRC        | .0700000<br>1.1032225 | <b>v</b> 3 | .0492973                 | SF<br>min | .0170574<br>.0470924 | LFr          | .3633335   |
|   | S1       | 2.849547   | SAB       | 2.917825             |     | ort<br>Sf        | 3.206921              | L<br>K     | .0022049                 | 2         | .3140362             | max<br>m     | • 9090000  |
|   | 2        | .0700000   |           | 15.680121            |     |                  | 10.905430             | the        | 100.90545                | phi       | 105.68014            |              | VEL THRUST |
|   | n        | .010000    | gam       | 17.000121            | Ĺ   | ) <del>-</del> 8 | 10.907450             | one        | 100.90747                | ' bur     | 10).00014            | رښو⊷ ے       | AET IUVOSI |
|   | N        | 2.0000000  | נט        | .1000000             | *   | ກື               | 7700000               | υZ         | .0500000                 | SF        | .0192576             | LFr          | .5458670   |
|   | PRA      | 1.0300000  | PRB       | .9897140             |     | rz<br>PRC        | .9970010              | ₩)<br>L    | .2908287                 | min       | .0550170             | <b>Max</b>   | .3612581   |
|   | Si       | 4.749249   | SAB       | 3.928412             |     | f                | 3.215087              | ĸ          | .2358117                 | Z         | .0704294             | m            | .0500000   |
|   | n        | 0700000    | gam       | 15.680121            |     |                  | 12.486886             | the        | 102.48691                | phi       | 105.68014            |              | •0,00000   |
| • | ,        | .0100000   | Pom       | 17.00012.1           |     | / - QLL          | 12.700000             | 0110       | 102.100)1                | PILL      | 10).00011            |              |            |
|   | N        | 2.0000000  | wl        | .1000000             |     | 12               | .0700000              | w3         | .0500000                 | SF        | .0192576             | LFr          | .4551640   |
|   | PRA      | 1.0400000- |           | .9878829             |     | RC               | .9970010              | Ĺ          | . 1424160                | min       | .0550170             | max          | .3612581   |
|   | Si       | 3.561947   | SAB       | 3.334761             |     |                  | * 3.215087            | ĸ          | .0873990                 | Z         | .2188421             | m            | .0500000   |
|   | n        | .0700000   | gam       | 15.680121            |     |                  | 12.486886             | the        | 102.48691                | phi       | 105.68014            |              | , ,        |
|   |          | ·          |           |                      |     |                  | •                     |            |                          | •         | •                    |              |            |
|   | N ÷      | 2.0000000  | wl        | .1000000             | V   | 12               | .0800000              | w3         | .020 <b>000</b> 0        | SF        | .0190106             | LFr          | .3925295   |
|   | PRA      | 1.0198791  | PRB       | 1.0508731            | F   | RC               | 1.0894264             | L          | .0425129                 | min       | .0333628             | max          | .3666417   |
|   | Si       | 2.849559   | SAB       | 2.816154             | S   | f                | 3.224070              | K          | .0091501                 | Z         | .3241288             | m            | .0200000   |
|   | n        | .0800000   | gam       | 17.295137            | Ъ   | -al              | 7.766312              | the        | 97.766335                | phi       | 107.29516            | 2-LEV        | EL THRUST  |
|   |          |            | . •       |                      |     |                  | •                     |            | •                        | •         | *                    |              |            |
|   | N        |            | wl        | .1000000             |     | 2                | .0800000              | <b>W</b> 3 | .0300000                 | SF        | .0201378             | LFr          | .4953928   |
|   | PRA      | 1.0200000  | PRB       | 1.0293788            |     | 'RC              | .9861491              | * L        | .2249088                 | min       | .0418477             | Dax          | .3651266   |
|   | Si       | 4.274335   |           | 3.580186             |     | 1                | 3.227787              | K          | .1830612                 | Z         | .1402177             | , m          | .0300000   |
|   | n        | .0800000   | gam       | 17.295137            | Ъ   | -al              | 9.332330              | the        | 99, 332353               | phi       | 107.29516            |              | t          |
|   | _        | 9          |           |                      |     |                  | 0                     | _          | • •                      |           |                      | 2.5          |            |
|   | N        | 2.0000000  | wl        | .1000000             |     | 12               | .0800000              | w3         | .0300000                 | SF        | .0201378             | LFr          | .3956175   |
|   | PRA®     |            | PRB       | 1.0272916            |     | RC               | 1.0968367             | L          | .0468102                 | min       | .0418477             | max          | .3651266   |
| 6 | Si       | 2.849545   | SAB       | 2.864634             |     | f                | - 3.227787            | K          | .0049625                 | Z         | .3183164             | MA TEN       | .0300000   |
|   | n        | .0800000   | gam       | 17.295137            | р   | -al              | 9.332330              | the        | °99•332353° <sub>°</sub> | phi       | 107.29516            | ∠-IEV        | EL THRUST  |
|   | (6)      | a 0        |           |                      |     |                  |                       |            |                          |           | II.                  |              |            |

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| 1 2  |                     |        |             |        |                  |   |                      |         | •            |         | •              |
|------|---------------------|--------|-------------|--------|------------------|---|----------------------|---------|--------------|---------|----------------|
| N    | 2.0000000           | wl     | .1000000    | w2°    | .0800000         | w3                                      | .0400000             | SF      | . 0216494    | LFr     | .4718485       |
| PRA  | 1.0300000°          | PRB    | 1.0136500   | PRC    | .9851422         | Ľ                                       | .1697254             | min.    |              | max     | :3633335       |
| - 6  |                     |        | 3.394486    | ° Sf   | 3.233372         | ĸ ∗                                     | .1196708             | Z       | 1936081 •    |         | .0400000       |
| Si   | 3.799405 •          | SAB    |             |        |                  |   |                      |         |              | . m     | • 0400000      |
| n    | .0800000            | gam    | 17.295137   | b-al   | 10.905430        | the                                     | 100.90545            | phi     | 107.29516    | 0       | •              |
|      |                     | /      |             | ti .   | .000000          |   | • 01.00000           | an °    | 007(1,0)     |         | * =ccc01 l     |
| * N  | 2.0000000           | wl     | .1000000    | MS.    | .0800000         | w3 .                                    |                      | SF      | .0216494     | LFr.    | 3992844        |
| PRA  | 1.0366629 •         | PRB    | 1.0066047   | PRC    | 1.1038164        | L                                       | :0509930             | min     | .0500547 =   | max .   | .3633335       |
| Si   | · 2.849546 .        | SAB    | . 2.910046  | Sf     | 3.233372         | K                                       | .0009383             | 2       | .3123406     | m       | .0400000       |
| n *  | .0800000            | gam    | 17.295137   | : b-al | 10.905430        | the                                     | 100.90545            | phi     | 107.29516    | 2-TE/   | EL THRUST      |
|      | 4                   | 2 2    |             |        |                  |   |                      | 1       |              |         | , , ,          |
| N.   | 2.0000000           | " wl   | .1000000    | w2     | .0800000         | w3.                                     | . 0500000            | SF      | .0238495     | LFr     | .5609713       |
| PRA  | 1.0300000           | PRB    | 9981260     | PRC:   | .9834467         | L.                                      | . 2925263            | min     |              | max.    | . 3612581      |
| Si   | 4.749263            | SAB    | 3.921536    | Sf ·   | 3.241537         | к                                       |                      | z       | 0687318      | m.      | · . 05 00000°. |
| n    | .0800000            | gam    | 17:295137   | b-al   | 10000            | the                                     |                      | · phi   |              |         |                |
|      |                     | - C    | 31.477      | . :    | 22. 0000         | ,                                       |                      |         |              |         |                |
| N    | 2.0000000           | wl     | .1000000    | v2.    | 0800000          | w3                                      | ::0500000            | ···SF·  | .0238495     | ·LFr    | 4627085.       |
| PRA  | 1.0400000           | PRB    | .9977917 -  | PRC    | 9834467          | Ţ.                                      | 1441116              | min     | .0579792     | max.    | .3612581       |
| Si   |                     |        |             | · Sf   | 3.241537         | ······································· | 0861324              |         | : 2171465    |         |                |
|      | 3.561946            | SAB    | 3.327978    |        | 7                | ··· K                                   |                      | . Z.    |              | . m .   | 0500000        |
| n    | .0800000            | gam    | 17.295137   | b-al   | 12.486886        | the                                     | 102:48691            | phi     | 107.29516    |         |                |
| .,   | 0.000000            |        | 1000000     |        |                  |   |                      |         | 100/1/100    |         |                |
| N    | 2.0000000           | wl_    | .1000000    | .w2    | 0800000.         | w3.                                     |                      | SF      | 0266428      | .LFr    | .5358153       |
| PRA  | 1.0400000           | PRB    | 985 9434    | PRC    | 9804305          | . F .                                   | 2371178              | min     |              | max     | 35,89017       |
| Si   | 4.274327            | SAB    | : 3.736830  | : Sf.  | . 3 . 25 3 3 8 5 | . K                                     |                      | Z       | 1217840      | m       | .0600000       |
| n    | .0800 <b>0</b> 00 . | · gam. | 17:295137   | b-al   | 14:077758        | the                                     | 104.07778            | phi'    | 107:29516    |         |                |
|      |                     |        |             |        |                  | 10                                      |                      |         |              |         |                |
| N    | 2.0000000           | wl     | .1000000    | w2     | .0800000         | w3 .                                    | : :0600000           | SF      | .0266428 .   | LFr     | :4596243       |
| PRA  | 1.0500000           | PRB    | .9840680    | PRC    | .9989897         | .L.                                     | 1302605              | min'    | 0656229      | Max     | 3589017        |
| Si   | 3.419469            | · SAB· | 3.309400    | .Sf    | "3.253385"       | K K                                     | . 0646376            | . z     | .2286413     | m       | .0600000       |
| n    | .0800000            | gam    | 17.295137   | .b-al  |                  | the                                     | 104.07778            | phi     |              | 2-LEV   | EL THRUST      |
|      |                     |        |             |        |                  |   |                      | ٠.      |              |         |                |
| N    | .2.0000000          | wl:    | . 1200000   | w2.:   | 0400000          | w3                                      | .0200000             | SF      | 0056048      | LFr     | 4473257        |
| PRA- | 1.0200000           | · PRB  | 9999175     | PRC    | 1.1364353        | . L                                     | .0526905 .           | min     | :0234995     | max     | .3464411.      |
| Si   | 2.849545            | SAB    | 2.775774    | Sf:    | 3.154227         | · K                                     | . 0291911.           | z       | .2937506     |         | 0200000        |
| n    | 0400000             | gam    | 11:536921   | b-al   | 8.213082         | the                                     | 98.213105            | phi     | 101.53694    |         | EL THRUST      |
| **   | •0.00000            | - Com  | 22000000    |        |                  | .: ".                                   | . )0.22)20/.         |         | 1011/00/1    |         | LL TILLODI     |
| N    | 2.0000000           | wl     | 1200000     | w2     |                  | w3.                                     | .0200000             | SĖ      | .0076571     | LFr.    | 4510946        |
| PRA  | 1.0200000           | PRB    | 1.0136296   | PRC    | 1'. 1249045      |   | 0539093              | min     | .0256976     | max     | .3464411       |
| Si   | 2.849549            | SAB    |             |        | 3.159485         | · L·                                    | .0282118             |         |              |         |                |
|      |                     |        | 2.770903    |        |                  | K                                       | •                    | Z       | .2925318     | , iu    | .0200000       |
| n    | .05,00000           | gain   | 13.212954 . | p-a.r  | 8.213082         | tne                                     | 98.213105            | phi     | 103.21298    | 2-1EV   | EL THRUST      |
| N    | 0.000000            |        | 10000000    |        | 05.00000         |   | 0700000              |         | . 000001.71. |         |                |
| DD 4 | 2.0000000           | ΑT     | .1200000    |        | 0500000          | w).                                     | .0500000             | 51      |              | · LFT,  | •5200010       |
| PRA  | 1.0200000           | PRB    | .9959602    |        | 1.0859346        | '. 'L                                   | 2362690              | min     |              | max     | . 3448384      |
| Si   | 4.274331            | SAB    | 3.534742    |        | 3:161988         | . K                                     | .2021741             | z       |              | m       | .0300000       |
| n    | .0500000            | gam    | 13.212954   | b-al·  | 9.870816         | the                                     | 99.870839            | : phi   | 103.21298    | •       |                |
|      |                     |        | '           |        |                  |   |                      |         |              |         | 99             |
| N    | 2,0000000           | wl     | .1200000 .  | . w2 . | 05,000000        | -                                       | .0300000             | SF      | 0087414      | LFr     | 4554396.       |
| PRA  | 1.0299877           | PRB    | .9942788    |        | 1.1267971        | · F :                                   | .0581722             | min     | .0340949     | max.    | 3448384        |
| Si   | 2.849557            | SAB    | 2.822320    | Sf     | -3.161988        | . K                                     | .0240773             | · Z     | 2866662      | m ·     | :0300000       |
| n    | .0500000            | gam    | 13.212954   | b-al   | 9:870816         | the                                     | 99.870839:           | phi     | .103:21298   | - 2-LEV | EL THRUST:     |
|      |                     |        |             |        |                  |   |                      |         |              |         |                |
| N    | 2.0000000           | wl     | .12000000 . | w2 ·   | . 0600000        | · w3                                    | . 0200000            | SF.     | .0103216°    | LFr     | 4549980        |
| PRA  | 1.0200000           | PRB    | 1.0280019   | PRC    | 1.1140155        | L                                       | 0553131              | . min   | 0281981.     | max.    | .3464411:      |
| Si   | 2.849548            | SAB    | 2.765286    |        | 3.166833         |   | . 0271151            | · z · · | 2911280      | m       | .0200000       |
| n    | .0600000            | gam    | 14.900327   | b-al   |                  |   | .98.213105           | phi     | 104.90035    | 2-LEV   | EL THRUST      |
|      |                     |        | ,,          | ne.    |                  |   | ****                 |         |              |         |                |
| N    | 2.0000000           | wl     | .1200000    | w2     | .0600000         | w3 *                                    | .0300000             | SF .    | .0114060     | LFr.    | .5408373       |
| PRA  | 1.0200000           | PRB*   | 1.0064333   |        | 1.0608588        | Ĺ                                       | .2376728             | min.    | .0365954     | max     | 3448384        |
| Si   | 4.274330            | SAB    | 3.529125    | Sf     |                  | ₹ K ·                                   | .2010774.            | Z.      | 1071656      | m       | .0300000       |
| n    | 0600000             |        | *14.900327  | b-al   | 9.870816         | the                                     | 99.870839            | phi     | 104.90035    |         | . 57,5000      |
|      |                     | O      | ,,          | ~ (**  | 2.010010         | , JIIC                                  | ),, <del>(</del> (), | P       | _3.4,30,,    |         |                |
| N    | 2.0000000           | wl     | .1200000    | w2 ·   | .0600000         | <b>w</b> 3                              | .0300000             | SF      | ·· 0114060   | LFr     | 4592037        |
| PRA  | 1.0299786           | PRB    | 1.0064754   |        | 1.1179647        | Ĺ                                       | .0595760             | min     | .0365954 *   | max     | 3448384        |
| Si   | 2.84,9556 *         | SAB    | 2.816677    | Sf     | 3:169336         | ĸ                                       | .0229807             | Z       | 2852624      | m ·     | 0300000        |
| n    | .0600000            | gam    | 14.900327   |        | 9.870816         | the                                     | 99.870839            | phi     | 104.90035    |         | EL THRUST      |
|      |                     | ٠      |             |        | , 10100TO        | 0110                                    | 77.010077            | T-1-T   | -0.00/       |         | 41004          |

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|                  |   |                  |                |                         |   |   |           |              |                     |                | 10.         |   |
|------------------|---|------------------|----------------|-------------------------|---|---|-----------|--------------|---------------------|----------------|-------------|---|
| N                | 2,0000000                               | **1              | .1200000       | w2                      | .0600000                                | w3                                      | .0400000  | SF           | .0128536            | LFr            | .5244494    |   |
| <sup>a</sup> PRA |   | Wl               |                |                         |   | L                                       | . 1824474 | min          | .0446984            |                |             |   |
|                  | 1.0300000                               | PRB              | .9917184       | PRC                     | 1.0559471                               |   |           |              |                     | max            | 3429415     |   |
| Si               | 3.799404                                | SAB              | 3-343597       | Sf                      | 3.173026                                | K                                       | .1377491  | Z •          | .1604940            | m              | 0400000     |   |
| n .              | .0600000                                | gam              | 14.900327      | D-8.1                   | 11.536921                               | tne,                                    | 101.53694 | , phi        | 104.90035           |                |             |   |
|                  | 0.0000000                               |                  | 200000         |                         | • |   | مار ممممه | C) Ta        | 63.00==/            |                | 1.6-00-     |   |
| N                | 2.0000000                               | wl               | .1200000       | w2                      | .0600000                                | w3 *                                    | .0400000  | SF           | .0128536            | · LFr          | 4639807     |   |
| PRA              | 1.0395414                               | PRB              | .9886136       | <ul> <li>PRC</li> </ul> | 1.1193443                               | L                                       | .0637169  | min          | 0446984             | max            | 3429415     |   |
| Si               | 2.849560 *                              | SAB              | 2.867368       | Sf                      | 3.173026                                | K .                                     | .0190185  | Z            | .2792246            | m              | .0400000    |   |
| n                | .0600000                                | gam              | 14.900327      | b-al                    | 11.536921                               | * the                                   | 101.53694 | phi          | 104.90035           | . 5-TE/        | EL THRUST   |   |
| 29               | 10                                      |                  | • •            |                         |   |   |           | •            | •                   |                |             |   |
| N                | . 2.0000000 °. °°                       | wl .             | 1200000        | w2                      | .0700000                                | W3 "                                    | .0200000  | SF           | .0137148            | LFr            | 4590616     |   |
| PRA              | 1.0200000                               | PRB              | 1.0425249      | · PRC                   | 1.1045908                               | .L .                                    | .0569210  | · min        | .0310213            | max            | .3464411    |   |
| Si ·             | 2.849555                                | SAB              | 2.758863       | Sf                      | 3.177005                                | • K                                     | .0258998  | . ·z ·       | .2895201            | 111            | :0200000    |   |
| n                | 0700000                                 | gam              | 16.601296      | b-al                    |   | the                                     | 98.213105 | phi          | 106.60132           |                | EL THRUST   |   |
|                  | • |                  | 6 Ny .*        |                         |   |   | ,,_,      | F            |                     |                |             |   |
| N                | 2.00000000                              | wl               | .1200000       | w2                      | .0700000                                | . w3                                    | .0300000  | SF           | .0147991            | LFr            | -5538416    |   |
|                  | 1.0200000                               | PRB              | 1.0179024      | PRC                     | 1.0369141                               | L                                       | .2392788  | . min        |                     | max            | .3448384.   |   |
| Si               | 4.274322                                | SAB              | 3.522694       | Sf                      | 3.179508.                               | •                                       | .1998602  | . <u>min</u> | .1055596            |                | .0300000    |   |
|                  |   |                  |                | _                       |   |   |           |              |                     | . m ·          | .050000     |   |
| · 11.            | :0700000                                | Sam              | 16.601296      | b-al                    | 9.870816                                | the                                     | 99.870839 | phi          | 106.60132           |                |             |   |
| ar.              | 0.000000                                |                  | 1000000        |                         | 070000                                  | 7                                       | 0700000   | . 075        | 031,5003            | 7.79           | 1.6-1-6-    |   |
| N.               | 2.0000000                               | . wl             | 1200000        | w2                      | .0700000                                | w3                                      | .0300000  | ··SF         | .0147991            | LFr            | .4631367    |   |
| PRA              | 1.0299647                               | PRB              | 1.0194912      | PRC                     | 1.1097835                               | L                                       | .0611820  | min.         |                     | max            | • 3448384   |   |
| Si ·             | 2:849548                                | SAB              | 2.810206       | Sf                      | 3.179508                                | * K ·                                   | .0217634  | Z            | .2836564            | . m            | .0300000    |   |
| n .              | .0700000.                               | gam              | 16.601296      | b-al                    | 9.870816                                | the                                     | 99.870839 | phi          | 106.60132           | 2-LEV          | EL THRUST   |   |
|                  |   | •                |                |                         |   |   | *         | 7            |                     |                |             |   |
| N                | 2.0000000                               | wl               | .1200000       | w2                      | .0700000                                | v3.                                     | • 0400000 | SF           | .0162468            | LFr            | .5343123    |   |
| PRA '            | 1.0300000                               | PRB              | 1.0021967      | PRC                     | 1.0340536                               | L                                       | .1840553  | min          | .0475216            | max            | . 3429415   |   |
| Şi:              | 3.799412.                               | ·SAB             | 3.337173       | Sf ·                    | 3.183198                                | K                                       | .1365337  | Z            | .1588861            | m              | .0400000    |   |
| n                | .0700000                                | · gam            | 16:601296      | b-al                    | 11.536921                               | the                                     | 101.53694 | phi          | 106.60132           |                |             |   |
|                  |   |                  |                | . —                     |   | ٠,                                      |           | P            |                     |                |             |   |
| N·               | 2:0000000                               | wl               | .1200000       | w2 .                    | .0700000                                | w3                                      | .0400000  | SF           | .0162468            | LFr            | .4677954    |   |
| PRA              | 1.0394540                               | PRB              | 9993059        | PRC                     | 1.1135120                               | Ĺ                                       | .0653229  | min          | .0475216            | max            | 3429415     |   |
| •                | 2.849552                                | SAB              | 2.860687       | Sf                      | 3.183198                                | ĸ                                       | .0178013  | ż            | . 2776186           | . 10           | .0400000    |   |
| n .              | 0700000                                 | .gam             | 16.601296      | _                       | 11.536921                               | the                                     | 101.53694 | phi          | 106.60132           |                | EL THRUST   |   |
|                  | .01,00000                               | .6 <del>au</del> | 10.001290      | n-ai                    | 11.770921                               | CITE                                    | 101.7709  | pni          | 100.001)2           | ~-LEV          | EL IHVOSI   |   |
| N                | 2.0000000                               | wl               | 1200000        | w2                      | .0700000                                | ***                                     | .0500000  | SF           | .0183420            | T Pw           | 6102750     |   |
| PRA              | 1.0300000                               | PRB.             |                |                         |   | . ¥3                                    |           |              |                     | LFr            | 6183758     |   |
|                  |   |                  | .9895440       | 'PRC                    | 1.0291408                               |   | 3068066   | min          | .0553235            | Max            | .3407433    |   |
| Si ·             | 4.749261                                | SAB              | 3.864513       | . Sf .                  | 3.188456                                | ·K                                      | .2514831  | Z .          | .0339368            | m              | .0500000    |   |
| n ·              | .0700000                                | gam.             | 16.601296      | .p-ai                   | 13.212954                               | the                                     | 103.21298 | phi.         | 106.60132           |                |             |   |
| w                | 0.000000                                |                  | 2000000        |                         |   |   |           | -            | 070-1-00            |                |             | ١ |
| · M              | 2.0000000                               | ΑŢ               | .1200000       | W2                      | 0700000                                 | ٧5 .                                    | .0500000  | SF           | .0183420            | LFr            | .5276709    |   |
|                  | 1.0400000                               | PRB              | .9876462       | PRC                     | 1.0291408                               | L.                                      | . 1583920 | min          | .0553235            | max            | :3407433    |   |
| · S1             | 3.561944                                | ·SAB .           | 3.270854       | Sf                      | 3.188456                                | K                                       | 1030685   | Z            | .1823514            | m .            | . 0500000   |   |
| n                | 0700000                                 | gam              | 16.601296      | b-al                    | 13.212954                               | the                                     | 103.21298 | . phi        | 106.60132           |                |             |   |
|                  |   |                  |                |                         | *                                       | •                                       |           |              |                     |                |             |   |
|                  | 2.0000000                               | wl               | .1200000       | M5 .                    | 0700000                                 | . w3 ·                                  | .0500000  | SF           | .0183420            | $\mathbf{LFr}$ | .4732485    |   |
|                  | 1.0481221                               | PRB              | .9832298       | PRC                     | 1.1146423                               | T.                                      | 0693436   | min          | •055 <b>323</b> 5 · | <b>Max</b>     | .3407433    |   |
| Si               | 2.849557                                | SAB              | 2.909309       | ·Sf                     | <b>3.188</b> 456                        | K.                                      | .0140201  | . 2          | .2713998            | m              | .0500000    |   |
| n ·              | <b>. 0700</b> 000                       | gami             | 16:601296      | b-al                    | 13.212954                               | the                                     | 103.21298 | phi          | 106:60132           | 2-LEV          | EL THRUST   | , |
| ٠. ٠             |   |                  |                |                         |   |   |           |              |                     |                |             |   |
| N · ·.           | 2:0000000                               | · wl             | 1200000        | w2 .                    | 0800000                                 | w3 :                                    | 0200000   | SF           | .0179558            | LFr            | .4633083    |   |
| PRA .            | 1.0200000                               | PRB              | 1.0569830      | PRC                     | 1.0972273.                              | L.                                      | .0587349  | min          | .0341690            | <b>ma</b> x    | . 3464411   |   |
| Si :             | 2.849541                                | SAB              | 2.751593       |                         | 3.191161                                | K                                       | .0245659  |              | .2877062            | · m            | .0200000    |   |
| n .              | . 0800000                               | gam              | 18.317487      |                         | 8.213082                                | the                                     | 98.213105 | phi          | 108.31751           |                | EL THRUST   |   |
| •                |   |                  |                |                         |   | , .                                     | , , , , , | Ţ            |                     | ,              |             |   |
| N                | 2.0000000                               | wl               | .1200000       | <b>v</b> 2              | 0800000                                 | w3                                      | .0300000  | SF -         | . 0190411           | LFr            | .5670405    |   |
|                  | 1.0200000                               | PRB              | 1.0299199      |                         | 1.0149892                               | L                                       | 2410965   | min          | .0425663            | max            | 3448384     |   |
| Si .             | 4.274338                                | SAB'             | 3.515439       | Sf                      | 3.193664                                |   | 1985302   |              | .1037419            | T -            |             |   |
| n                | .0800000                                | gam              | 18.317487      |                         | 9.870816                                |   |           | Z            |                     | , m            | .0300000    |   |
| ••               | • 0000000 •                             | Pom.             | * TO*-DT [40]. | b-al                    | 3.010010                                | ; the .                                 | 99.870839 | phi          | 108.31751           |                | Q.          |   |
| N V              | 2.0000000                               | wl.              | .1200000       | w2                      | .0800000                                | · • • • • • • • • • • • • • • • • • • • | 020000    | SF           | .0190411            | TP-            | .4672651    |   |
|                  | 1.0299437                               | PRB              | 1.0327616      |                         |   | w3 .                                    | .0300000  |              |                     | LFr            |             |   |
| Si               | 2.849549                                | SAB              | 2.802884       |                         | 1.1032756                               | Ľ.                                      | .0629978  | min          | .0425663            | Max            | -3448384    |   |
|                  | , .0800000                              |                  |                | Sf                      | 3.193664                                | K                                       | .0204315  | Z            | .2818406            | M C T T T T    | .0300000    |   |
| n ,              | , .0000000                              | gam .            | 18.317487      | D-81                    | 9.870816                                | the                                     | 99.870839 | phi          | ,108,31751          | 2-LEV          | el thrust ' | - |

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| • | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799413<br>°.0800000 | wl<br>PRB<br>SAB<br>gam | .1200000<br>1.0139147<br>3.329911<br>18.317487   | w2 .0800000<br>PRC 1.0132837<br>Sf • 3.197354<br>• b-al 11.536921 | w3<br>L<br>• K<br>the   | .0400000<br>.1858711<br>.1352018<br>101.53694  | SF<br>min<br>z<br>phi   | .0204887<br>.0506694<br>.1570703<br>108.31751         | LFr<br>max<br>m             | .5443783<br>.3429415<br>.0400000               |
|---|---------------------|---|-------------------------|--|---|-------------------------|--|-------------------------|---|-----------------------------|--|
|   | PRA<br>Si<br>n      | 2.0000000<br>1.0393454<br>2.849553<br>.0800000  | PRB<br>SAB<br>gam       | .1200000<br>1.0110083<br>:2.853115<br>18.317487  | PRC 1.1084515<br>Sf 3.197354<br>b-al 11.536921                    | w3<br>L<br>K<br>the     | .0400000<br>.0671387<br>.0164693<br>.101.53694 |                         | .0204887<br>.0506694<br>2758028<br>1.08.31751         | LFr<br>max<br>m<br>2-LEV    | .4718142<br>.3429415<br>.0400000<br>/EL_THRUST |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>4.749262<br>.0800000  | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9980947<br>.3.857251<br>.18.317487  | v2 0800000<br>PRC 1.0105118<br>Sf 3.202612<br>b-al 13.212954      | w3<br>L<br>K            | .0500000<br>.3086224<br>.2501512<br>103.21298  | min*                    | .0225830<br>.0584712<br>.0321210<br>108.31751         | LFr<br>max<br>m*            | .6343889<br>.3407433<br>.0500000               |
|   | N<br>PRA<br>S1      | 2.0000000<br>1.0400000<br>3.561945<br>.0800000  | wl<br>PRB<br>SAB<br>SAB | .1200000<br>.9977\482<br>3.263592<br>18.317\487  | w2 .0800000<br>PRC 1.0105118<br>Sf 3.202612<br>b-al 13.212954     | w3<br>L<br>K<br>the     | .0500000<br>.1602078<br>.1017365<br>103.21298  | SF min z phi            | .0225830<br>.0584712<br>.1805356<br>108.31751         | LFr<br>max<br>m             | .5361261<br>.3407433<br>.0500000               |
|   | PRA<br>Si           | 2.0000000<br>1.0478883<br>2.849558<br>.0800000  | vl<br>PRB<br>SAB<br>gam | .1200000<br>.9924805<br>2.901381<br>18.317487    | w2: .0800000<br>PRC: 1.1121863<br>Sf 3.202612<br>b-al 13.212954   | . w3<br>L<br>K<br>the   | .0500000<br>.0711594<br>.0126882<br>103.21298  | SF<br>min =<br>z<br>phi | .0225830<br>.0584712<br>.2695840<br>108.31751         | LFr<br>max<br>m<br>2-LEV    | .4771691<br>.3407433<br>.0500000<br>VEL THRUST |
| 4 | PRA<br>S1<br>n      | 2.0000000<br>1.0400000<br>4.274339<br>.0800000  | wl<br>PRB<br>SAB<br>Sam | 1200000<br>9856978.<br>3.672670<br>18.317487     | w2:0800000<br>PRC 1.0058208<br>Sf 3.209960<br>b-al 14.900326.     | w3<br>L:.<br>K          | .0600000<br>.2531605<br>.1871898<br>.104.90035 |                         | .0252266<br>.0659707<br>.0850823<br>108.31751         | LFr * max m*                | .6101427<br>.3382428<br>.0600000               |
| • | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419465<br>.0800000  | wl<br>PRB<br>SAB<br>Ram | .1200000<br>.9838140<br>.3.245234<br>18.317487   | w2 .0800000<br>PRC 1.0058208<br>Sf 3.209960<br>b-al 14.900326     | w3 .<br>L . K . the     | .0600000<br>.1463013<br>.0803306<br>.104.90035 | SF<br>min<br>z<br>phi   | .0252266<br>.0659707<br>.1919415<br>108.31751         | IFr<br>max<br>m             | .5339508<br>.3382428<br>.0600000               |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0555077<br>2.849549<br>.0800000  | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9781777<br>2.947474<br>18.317487    | w2 .0800000<br>PRC 1.1133506<br>Sf 3.209960<br>b-al 14.900326     | .w3<br>L·<br>:K·<br>the | 0600000<br>.0750618<br>.0090911<br>.104.90035  |                         | .0252266<br>.0659707<br>.2631810<br>108.31751         | LFr<br>max<br>m<br>2-LEV    | .4831553<br>.3382428<br>.0600000               |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849556<br>.0900000  | wl<br>PRB<br>SAB<br>gam | .1200000<br>1.0712760<br>2.743460<br>20.050887   | w2 .0900000<br>PRC 1.0926362<br>Sf 3.211261<br>b-al 8.213082      | w3.<br>L<br>K<br>the    | .0200000<br>.0607720<br>.0231215<br>.98.213105 | SF min z phi            | .0231867<br>.0376505<br>.2856692<br>110.05091         | LFr.<br>max<br>m .<br>2-LEV | .4677630<br>.3464411<br>.0200000<br>EL THRUST  |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274339<br>.0900000  | vl<br>PRB<br>SAB<br>gam | .1200000<br>1.0422893<br>3.507299<br>20.050887   | w2 .0900000<br>PRC .9958104<br>Sf 3.213764<br>b-al 9.870816       | w3.<br>L<br>K<br>the    | .0300000<br>.2431316<br>.1970838<br>99.870839  | min .                   | · .0242710<br>· .0460478<br>· .1017068<br>· .10.05091 | LFr<br>max<br>m'            | .5804596<br>.3448384<br>.0300000               |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0299132<br>2.849549<br>.0900000  | wl<br>PRB<br>SAB<br>gam | .1200000<br>1.0460375<br>2.794656<br>20.050887   | w2 .0900000<br>PRC 1.0993558<br>Sf 3.213764<br>b-al 9.870816      | W3<br>L<br>K<br>the     | .0300000<br>.0650330<br>.0189851<br>99.870839  | SF<br>min<br>z<br>phi   | .0242710<br>.0460478<br>.2798055<br>110:05091         | LFr<br>max<br>m<br>2-LEV    | .4716129<br>.3448384<br>.0300000<br>EL THRUST  |
| 2 | N<br>PRA<br>Si "    | 2.000000<br>1.0300000<br>3.799398<br>.0900000   | wl<br>PRB<br>SAB        | .1200000<br>1.0263276<br>·3.321763<br>20.050887。 | w2 .0900000<br>FRC .9948215<br>Sf 3.217454<br>b-al 11.536921      | L<br>K<br>the           | .0400000<br>.1879044<br>.1337535<br>101.53694  | min<br>z                | .0257187<br>.0541509<br>.1550371<br>110.05091         | LFr<br>max<br>m             | .3429415<br>.3400000                           |
|   |                     | 2.0000000<br>1.0392112<br>2.849553<br>.0900000  | wl<br>PRB<br>SAB<br>gam | .1200000<br>1.0230855<br>2.844593<br>20.050887   | w20900000<br>PRC 1.1055550<br>Sf 3.217454<br>b-al 11.536921       | w3<br>L<br>K°<br>the    | .0400000<br>.0691738<br>.0150230<br>101.53694  | ® <b>z</b>              | .0257187<br>.0541509<br>.2737676<br>110.05091         | LFr<br>max<br>m<br>2-LEV    | .4760637<br>.3429415<br>.0400000<br>EL THRUST  |

A proposed to the second secon

| N   2.000000   |     |           |                                    |            |                        |           |                        |          |                      | Na.   |                       |          |                      |       |
|--|-----|-----------|------------------------------------|------------|------------------------|-----------|------------------------|----------|----------------------|---|-----------------------|----------|----------------------|-------|
| PRA   1.0400000   PRB   1.00000937   PRC   9936650   L   1626249   mtn   .0619527   max   .9000000   n   .0900000   mm   20.050887   b-al   13.212954   the   105.21296   phi   110.05091   m   .0500000   m   .050000 |     | PRA<br>S1 | 1.0300000<br>4.749262              | PRB<br>SAB | 1.0078650<br>3.849110  | PRC<br>Sf | .9932650<br>3.222712   | L<br>K   | .3106575<br>.2487048 | min<br>z  | .0619527<br>.0300858* | max      | .3407433             | 9     |
| PRA   1.0476108   PRD   1.0209295   PRO   1.1009264   1  |     | PRA<br>Si | 1.0400000°<br>3.561945             | PRB<br>SAB | 1.0092993°<br>3.255452 | PRC<br>Sf | .9932650<br>3.222712   | L<br>K   | .1622429             | min<br>z  | .0619527 • .1785004   | max      | -3407433             |       |
| PRA   1.0400000   PRB   994134   PRC   9907762   L   2551396   min   6694522   max   3582428   m   6600000   n   6900000   gam   20.050887   b-al   14.900326   the   104.90035   phi   110.05091   l.   110.05091   l.   1200000   v.   2.0000000   m.   1.200000   v.   2.0000000   v.   1.200000   v.   2.0000000   v.   2.000000   v.   2.0000000   v.   2.000000   v.   2.0 | (3) | PRA<br>Si | 1.0476108<br>2.849558              | PRB .      | 1.0029295<br>2.892450  | PRC<br>Sf | 1.1109264<br>3.222712  | L<br>K   | .0731945<br>.0112418 | min<br>z  | .0619527<br>.2675488  | max<br>m | •3407433<br>•0500000 | ,     |
| FRA   1.0500000  |     | PRA<br>Si | 1.0400000                          | PRB<br>SAB | .9941534<br>3.664530   | PRC<br>Sf | .9907762°<br>3.230061  | L<br>K   | .2551956<br>1857434  | min<br>z  | .0694522<br>.0830472  | max      | .3382428             |       |
| FRA  |     | PRA<br>Si | 1.0500000<br>3.419465              | PRB<br>SAB | .9933627<br>3.237093 ~ | PRC<br>Sf | 1.0044946<br>3.230061  | ·K       | 1483364<br>.0788842  | min<br>z  | .0694522<br>.1899064  | max.     | .3382428<br>.0600000 |       |
| PRA   1.0500000   PRB   9820620   PRC   9865662   L   .223582   min   .0766290   max   .3554196   n   .0900000   gam   20.050887   b-al   16.601296   the   106.60132   phi   110.05091  |     | PRA<br>Si | 1.0550591<br>2.849549              | PRB<br>SAB | .9860512<br>2.938055   | PRC<br>Sf | 1.1149393<br>3.230061  | , L<br>K | .0770969             | min<br>z  | .0694522<br>.2611459  | w<br>wax | .3382428             |       |
| PRA 1.0599958 PRB 9799605 PRC 1.0195945 L 1402474 min 0766290 max 3354196 S1 3.324483 SAB 3.242949 Sf 3.240232 K .0636184 z 1.951722 m .0700000 n .0900000 gam 20.050887 b-al 16.601296 the 106.60132 phi 110.05091 2-LEVEL THRUST N 2.0000000 wl 1.200000 v2 .0900000 w3 .0700000 SF .0336497 IFr .4939089 PRA 1.0615809 PRB .9734264 PRC 1.1164447 L .0808811 min .0766290 max .3354196 S1 2.849553 SAB 2.981507 Sf 3.240232 K .0042522 z .2545384 m .0700000 n .0900000 gam 20.050887 b-al 16.601296 the 106.60132 phi 110.05091 2-LEVEL THRUST N 2.000000 PRB 1.0853521 PRC 1.0921093 L .0650379 min .0414760 max .3464411 S1 2.849555 SAB 2.734394 Sf 3.241140 K .0215619 z .2834032 m .0200000 n .1000000 gam 21.803625 b-al 8.213082 the 98.213105 phi 111.80365 2-LEVEL THRUST N 2.0000000 w1 .1200000 w2 .1000000 w3 .0300000 SF .0306730 LFr .5941200 PRA 1.0200000 PRB 1.0549183 PRC .9804700 L .2453976 min .0498733 max .3448384 S1 4.274337 SAB 3.498233 Sf 3.243645 K .1955243 z .0994409 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 n max .3448384 S1 4.274337 SAB 3.498233 Sf 3.243645 K .1955243 z .0994409 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 n max .3448384 S1 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 2-LEVEL THRUST N 2.000000 v1 .1200000 v2 .1000000 v3 .0300000 SF .0306730 LFr .4762039 PRA 1.0298696 PRB 1.0592003 PRC 1.0994033 L .0672989 min .0498733 max .3448384 S1 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 PRB 1.0592003 PRC 1.0994033 L .0672989 min .0498733 max .3448384 S1 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 PRB 1.0391947 PRC .9799538 L .1901722 min .0579763 max .3429415 S1 3.799411 SAB 3.312705 Sf 3.247334 K .1321295 z .1527693 m .0400000 PRA 1.0300000 PRA 1.0300000 PRB 1.0391947 PRC .9799538 L .1901722 min .0579763 max .3429415 S1 3.799411 SAB 3.312705 Sf 5.247334 K .1321295 z .1527695 m .0400000      |     | PRA<br>Si | 1.0500000<br>3.989370              | PRB<br>SAB | .9820620<br>3.575406   | PRC<br>Sf | .9865662<br>3.240232   | L<br>K   | .2233582<br>.1467292 | min<br>z  | .0766290<br>.1120614  | max      | .3354196             |       |
| PRA 1.0615809 PRB 9734264 PRC 1.1164447 L .0808811 min .0766290 max .3354196 S1 2.849553 SAB 2.981507 Sf 3.240232 K .0042522 z .2545384 m .0700000 n .0900000 gam 20.050887 b-al 16.601296 the 106.60132 phi 110.05091 2-LEVEL THRUST PRA 1.020000 W1 .1200000 W2 .1000000 W3 .0200000 SF .0295887 LFr .4724484 PRA 1.020000 PRB 1.0853521 PRC 1.0921093 L .0630379 min .0414760 max .3464411 S1 2.849555 SAB 2.734394 Sf 3.241140 K .0215619 z .2834032 m .0200000 n .1000000 gam 21.803625 b-al 8.213082 the 98.213105 phi 111.80365 2-LEVEL THRUST N 2.0000000 W1 .1200000 W2 .1000000 W3 .0300000 SF .0306730 LFr .5941200 PRA 1.0200000 PRB 1.0549183 PRC .9804700 L .2453976 min .0498733 max .3448384 S1 4.274337 SAB 3.498233 Sf 3.243643 K .1955243 z .0994409 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 N 2.0000000 W1 .1200000 W2 .1000000 W3 .0300000 SF .0306730 LFr .4762039 PRA 1.0298696 PRB 1.0592003 PRC 1.0994033 L .0672989 min .0498733 max .3448384 S1 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 2-LEVEL THRUST N 2.0000000 W1 .1200000 W2 .1000000 W3 .0300000 SF .0306730 LFr .4762039 PRA 1.0298696 PRB 1.0592003 PRC 1.0994033 L .0672989 min .0498733 max .3448384 S1 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 2-LEVEL THRUST N 2.000000 W1 .1200000 W2 .1000000 W3 .0400000 SF .0321207 LFr .5652266 PRA 1.0391947 PRC .9799538 L .1901722 min .0579763 max .3429415 S1 3.799411 SAB 3.312705 Sf 3.247334 K .1321959 z1527693 m .0400000  |     | PRA<br>Si | 1.0599958<br>3.324483              | PRB<br>SAB | .9799605<br>3.242949   | PRC<br>Sf | 1.0195945<br>3.240232  | L<br>K   | .1402474<br>.0636184 | min<br>z  | .0766290              | max<br>m | .3354196<br>.0700000 |       |
| PRA 1.0200000 PRB 1.0853521 PRC 1.0921093 L .0630379 min .0414760 max .3464411 Si 2.849555 SAB 2.734394 Sf 3.241140 K .0215619 z .2834032 m .0200000 n .1000000 gam 21.803625 b-al 8.213082 the 98.213105 phi 111.80365 2-LEVEL THRUST N 2.0000000 PRB 1.0549183 PRC .9804700 L .2453976 min .0498733 max .3448384 Si 4.274337 SAB 3.498233 Sf 3.243643 K .1955243 z .0994409 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 PRB 1.0592003 PRC 1.0994033 L .0672989 min .0498733 max .3448384 Si 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 PRB 1.0592003 PRC 1.0994033 L .0672989 min .0498733 max .3448384 Si 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 2-LEVEL THRUST N 2.0000000 wl .1200000 w2 .1000000 w3 .0400000 SF .0321207 LFr .5652266 PRA 1.0300000 PRB 1.0391947 PRC .9799538 L .1901722 min .0579763 max .3429415 Si 3.799411 SAB 3.312705 Sf 3.247334 K .1321959 z .1527693 m .0400000  |     | PRĄ<br>Si | 1.0615809<br>2.849553              | PRB<br>SAB | .9734264<br>2.981507   | PRC<br>Sf | 1.1164447<br>3.240232  | L<br>K   | .0808811             | min<br>z  | .0766290<br>.2545384  | max<br>m | .3354196<br>.0700000 |       |
| PRA 1.0200000 PRB 1.0549183 PRC 19804700 L 2453976 min 0498733 max 3448384 S1 4.274337 SAB 3.498233 Sf 3.243643 K 1955243 z 0994409 m 0300000 n 1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 PRA 1.0298696 PRB 1.0592003 PRC 1.0994033 L 0672989 min 0498733 max 3448384 Si 2.849547 SAB 2.785466 Sf 3.243643 K 0174256 z 2775396 m 0300000 n 1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 2-LEVEL THRUST N 2.0000000 W1 1200000 W2 1000000 W3 0400000 SF 0321207 LFr 5652266 PRA 1.0300000 PRB 1.0391947 PRC 9799538 L 1901722 min 0579763 max 3429415 S1 3.799411 SAB 3.312705 Sf 3.247334 K 1321959 z .1527693 m 0400000  | a   | PRA<br>Si | 1.0200000<br>2.849555              | PRB<br>SAB | 1.0853521<br>2.734394  | PRC<br>Sf | 1.0921093<br>3.241140  | L<br>K   | .0630379<br>.0215619 | min.<br>z   | .0414760<br>.2834032  | max<br>m | .3464411             |       |
| PRA 1.0298696 PRB 1.0592003 PRC 1.0994033 L .0672989 min .0498733 max .3448384 Si 2.849547 SAB 2.785466 Sf 3.243643 K .0174256 z .2775396 m .0300000 n .1000000 gam 21.803625 b-al 9.870816 the 99.870839 phi 111.80365 2-LEVEL THRUST N 2.0000000 wl .1200000 w2 .1000000 w3 .0400000 SF .0321207 LFr .5652266 PRA 1.0300000 PRB 1.0391947 PRC .9799538 L .1901722 min .0579763 max .3429415 Si 3.799411 SAB 3.312705 Sf 3.247334 K .1321959 z1527693 m .0400000  |     | PRA<br>Si | 1.0200000<br>4.274337              | PRB<br>SAB | 1.0549183<br>3.498233  | PRC<br>Sf | .9804700<br>3.243643   | L<br>K   | .2453976<br>.1955243 | $     \begin{array}{c}       \text{min} \\       \mathbf{z}   \end{array} $ | .0498733<br>.0994409  | max      | . 3448384            |       |
| PRA 1.0300000 PRB 1.0391947 PRC .9799538 L .1901722 min .0579763 max .3429415<br>Si 3.799411 SAB 3.312705 Sf 3.247334 K .1321959 z1527693 m .0400000   | ,   | PRA<br>Si | 1.0298696<br>2.849547              | PRB<br>SAB | 1.0592003<br>2.785466  | PRC<br>Sf | 1.0994033<br>3.243643  | L<br>K   | .0672989<br>.0174256 | min<br>z  | .0498733<br>.2775396  | max<br>m | .0300000             | ان ان |
|  |     | PRA<br>Si | 1.0300000 <sub>0</sub><br>3.799411 | PRB<br>SAB | 1.0391947 3.312705.    | PRC<br>Sf | .9799538 .<br>3.247334 | L<br>K   | .1901722<br>.1321959 | min<br>z  | .0579763              | max      | .3429415             | •     |

|       |               |       | •           |         |                 |            |              |             |                    |        |             |     |
|-------|---------------|-------|-------------|---------|-----------------|------------|--------------|-------------|--------------------|--------|-------------|-----|
| N     | 2.0000000     | wl    | .1200000    | w2      | .1000000        | · w3       | .0400000     | SF          | .0321207           | LFr    | .4805679    |     |
| PRA   | 1.0390461     | PRB   | ·1.0352548  | PRC     | 1.1064147       | ° L        | .0714398°    | min         | .0579763           | max .  | .3429415    |     |
|       |               | SAB   | 2.835056    | Šf.     | 3.247334        | ĸ          | • .0134634 ° |             |                    |        | .0400000    |     |
| Si    | 2.849551      |       |             |         |                 |            |              | Z           | 2715017            | III    |             | y   |
| n     | .1000000      | gam   | 21.803625   | D-81    | 11.536921       | the        | 101.53694    | ph <u>i</u> | 111.80365          | 5-TEA  | EL THRUST   |     |
|       | 0.000000      |       | 1000000     |         | 1000000         |            | s<br>0500000 | CIP.        | 0210350            | ***    | ((==(=0     | B   |
| N     | 2.0000000     | wl    | .1200000    | w2      | .1000000        | w3°        | .0500000     | SF          | .0342159           | LFr    | .6671639    |     |
| PRA   | 1.0300000     | PRB   | 1.0183229   | PRC     | .9791582        | L.         | · .3129234   | min         | .0657782           | max "  | .3407433    |     |
| Si    | 4.749260      | *SAB  | 3.840044    | Sf      | 3.252592        | K          | .2471452     | Z           | .0278199           | m      | .0500000    |     |
| n     | .1000000      | gam   | 21.803625   | b-al    | 13.212954       | the        | 103.21298    | phi         | 111:80365          |        | 4           |     |
|       | •             |       |             |         | 4 4             |            | s .          |             | 4                  |        |             |     |
| N     | 2.0000000     | wl    | .1200000    | ,M2     | .1000000        | w3         | .05.00000    | SF          | .0342159           | LFr    | .5537834    |     |
| PRA   | 1.0400000     | PRB   | 1.0216747   | PRC     | .9806561        | L*         | .1645088     | min         | .0657782           | max    | .3407433    |     |
| Si    | 3.561943      | SAB   | 3.246386.   | Sf      | 3.252592        | *K         | .0987306 °   | × Z         | .1762345           | m      | .0500000    |     |
| 'n    | .1000000      | gam   | 21.803625   | b-al    | 13.212954       | the        | *103.21298   | phi         | 111.80365          | 2-LEV  | EL THRUST   | 140 |
| i -   |               | •     |             |         |                 |            |              |             |                    |        |             |     |
| N     | 2.0000000     | wl    | .1200000    | w2      | .1000000        | w3         | .0500000     | SF          | .0342159           | LFr    | .4857559    |     |
| PRA   | 1.0472817     | PRB   | 1.0138715   | PRC.    | 1.1129748       | L          | .0754604     | min         | .0657782           | max    | .3407433    | J.  |
| Si    | 2.849556      | SAB   | 2.882446    | Sf      | 3.252592        | K          | .0096822     | z           | .2652829           | m      | .0500000    |     |
| n     | .1000000      | gam   | 21.803625   | b-al    | 13.212954       | the        | 103.21298    | phi         | 111.80365          | 2-LEV  | EL THRUST   |     |
|       |               | 0     |             |         |                 |            |              | F           |                    |        |             |     |
| N ·   | 2.0000000     | wl.   | 1200000     | . v2    | .1000000        | w3 :       | :0600000     | SF          | .0368595           | · LFr  | .6367245    |     |
| PRA   | 1.0400000     | PRB   | 1.0040505   | PRC     | 9779228         | L          | .2574616     | min         | 0732777            | max    | 3382428     |     |
| Si    | 4.274337      | SAB   | 3.655464    | Sf      | 3.259940        | K          | 1841839      | · z ·       | .0807813           | m      | .0600000    |     |
| 'n    | 1000000       | gam   | 21.803625   |         | 14.900326       | the        | 104.90035    | phi.        | 111.80365          | ,      | •0000000    |     |
|       | .100,000      | Sam   | 21.00502)   | 0-81    | 14.900520       | ·          | 104.90055    | piii        | 111.00505          |        |             |     |
| N     | - 21,00000000 | wl    | .1200000    | w2 .    | .1000000        | 1.7        | . 0600000    | SF          | .0368595           | LFr    | .5496483    |     |
| ··PRA |               |       | 1.0044434   |         |                 | . w3       |              |             |                    |        |             |     |
|       | 1.0500000     | PRB   |             | PRÇ     | 1.0054186       | . T        | .1506024     | min         | .0732777           | max    | .3382428    |     |
| Si    | 3.419463      | SAB   | 3.228027    | Sf      | 3.259940        | K          | .0773247     | Z           | .1876405           | m ·    | .0600000    |     |
| n.    | .1000000      | gam   | 21.803625   | p-sT    | 14.900326       | the        | 104.90035    | phi         | 111.80365          | 2-TEA  | EL THRUST   |     |
|       |               | 3     | 3000000     | •       | 1000000         | -          |              | -           |                    |        | l. oz z ozo |     |
| N     | 2.0000000     | wl    | .1200000    | w2 .    | 1000000         | w3         | . 0600000    | SF          | .0368595           | . LFr  | .4915972    |     |
| . PRA | 1.0545359     | PRB   | 9953020     | PRC     | 1.1188144       | L          | :0793629     | min-        | .0732777           | max    | .3382428    |     |
| Si.   | 2.849548      | SAB   | 2.927499    | Sf      | 3.259940        | K'         | .0060852     | . z         | .2588799           | m      | .0600000    |     |
| n     | .1000000      | gam   | 21.803625   | b-al    | 14.900326       | the        | 104.90035    | phi         | 111,80365          | 2-LEV  | EL THRUST   |     |
|       | · · · ·       |       |             | •       |                 | •          |              |             |                    |        | ug Night.   |     |
| Ņ     | 2.0000000     | wl    | .1200000    | w2      | .1000000        | w3         | .0700000     | . SF        | . 0402517          | LFr    | .6215677    |     |
| . PRA | 1.0500000     | PRB   | .9901993    | PRC     | .9759461        | r.         | .2256241     | . min       | .0804545           | max    | .3354196    |     |
| ·Si   | 3.989368      | SAB   | 3.566340 :  |         | 3.270112        | K          | .1451697     | z :         | .1097955           | m ·    | .0700000    |     |
| n     | 1000000       | gam   | 21.803625   | b-al    | 16.601296       | . the      | 106.60132    | phi         | 111.80365          |        |             |     |
|       |               | •     |             |         |                 |            |              |             |                    |        |             |     |
| N     | 2:0000000     | wl    | .1200000    | w2.     | .1000000        | w3         | .0700000     | SF          | .0402517           | LFr    | .5496102    |     |
| PRA   | 1.0599911     | PRB   | . 9885 089  | PRC     | 1.0229627       | L          | 1425 133.    | min         | .0804545           | max ·  | .3354196    |     |
| Si    | 3.324481      | SAB   | 3.233867    | Sf ·    | 3.270112        | Κ.         | .0620588     | <b>z</b> .  | .1929063           | m      | .0700000    |     |
| n     | .1000000      | gam   | 21.803625   | b-al.   | 16.601296       | the        | 106.60132    | · phi       | 111.80365          | 2-LEV  | EL THRUST   |     |
|       |               | ٠     |             | •       |                 |            |              |             |                    |        |             |     |
| Ν .   | 2.0000000     | wl    | .1200000    | w2      | .1000000        | • w3       | .0700000     | SF          | .0402517           | LFr    | .4982109    |     |
| PRA.  | 1.0608379     | PRB   | .9799893    | PRC ·   | 1.1234078       | L          | .0831471     | min         | . 0804545          | max    | .3354196    |     |
| Si    | 2.849551      | SAB   | 2.970324 ·  | Sf      | 3.270112        | К          | .0026926     | z           | .2522725           | m      | .0700000    |     |
| ·n    | .1000000-     |       | .21:803625  | b-al    | 16.601296       | the.       | 106.60132.   |             | .111.80365         |        | EL THRUST   | ř   |
| •     |               | U     | ,           |         |                 | :          |              |             |                    |        |             |     |
| N     | 2.0000000     | wl ·  | .1200000    | v2      | 1000000         | . w3       | .0800000     | SF.         | 0445032            | LFr    | .7015352    |     |
| PRA   | 1.0500000     | PRB   | 9807227.    | PRC     | 9725564         | L ·        | 3005314      | min         | .0873067           | max    | .3322718    |     |
| Si.   | • 4.559283    | SAB   | 3.905122    | · 'Sf ' | 3.284267        | K. ,       | 2132247*     | · Z ·       | 0317404            | m      | .0800000    |     |
| n .   | .1000000      | gam   | 21.803625   |         | 18.317487       | the        | 108.31751    | phi         | 111.80365          | D1     | .0000000    |     |
| -     |               | ÷.    | • • • •     | •       | , , , , , , , , | . • • • •  | 100.01/1     | P           | 111.00000          |        |             |     |
| N     | 2.0000000     | wl.   | .1200000    | w2.     | 1000000         | ₩3         | .0800000     | SF          | .0445032           | LFr    | .6144600    |     |
| PRA   | 1.0600000     | PRB   | .9786451    | PRC.    | 9725564         | L ·        | . 2055473    | mi-n        | .0873067           | max    | .3322718    |     |
| Si    | * 3.799410    | SAB   | 3.525186    | Sf      | 3.284267        | K · ·      | .1182407     | - Z         | °.1267245          |        | .0800000    |     |
| n     | 1000000       | gam   | 21.803625   |         | 18.317487       | the        | 108.31751    |             | 111.80365          | m      | • 0000000   |     |
| ••    | . 200000      | Omn.  |             | 0-01    | 10.711401       | one        | 100.7171     |             | 111.00505          | 3      |             |     |
| ® N   | 2.0000000     | wl    | .1200000    | °°w2 °  | .1000000°       | <b>w</b> 3 | .0800000     | SF          | .0445032           | * LFr  | :5522614    |     |
| PRA   | 1.0695474     | PRB   | .9757210    |         | 1.0349512       | L.         | 1376991      | min         | .0445052           |        |             |     |
| Si    | 3.256625      | SAB   | 3.252318    | Sf **   | 3.284267        | ř.         | .0503925     |             |                    | max    | .3322718    |     |
| n     | .1000000      | gam   | 21.803625   |         | 18.317487       |            |              | Z           | *.1945 <b>7</b> 27 | · m    | 0000080.    |     |
|       | . 1000000     | श्चमा | ET+009027 * | n-åT    | 10.21/40/       | the        | 108,31751    | ∗phi        | 111.80365*         | Z-LEVI | EL THRUST * |     |

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|   | N<br>PRA<br>Si       | 2.0000000<br>1.0200000<br>2.849555              | wl<br>PRB<br>SAB         | .1400000<br>.9999784<br>2.712353<br>12.246622    | w2 .0400000<br>PRC 1.1698180<br>Sf 3.150271<br>b-al 8.714620    | LK             | .0200000<br>.0685482<br>.0448341<br>98.714643  | SF min z phi            | .0055418<br>.0237141<br>.2576677<br>102.24664   | LFr<br>• max<br>m          | .5114784<br>.3262159 *<br>.0200000               |
|---|----------------------|---|--------------------------|--|---|----------------|--|-------------------------|---|----------------------------|--|
| 9 | n<br>N<br>PRA        | .0400000<br>2.0000000<br>1.0200000              | gam<br>wl<br>PRB         | .1400000   | • w2 .0500000<br>PRC •1.1485010                                 | •,<br>) w3     | .0200000                                       | SF min                  | 0075646<br>0260528                              | LFr<br>max                 | .5160980<br>.3262159                             |
|   | Si<br>n •            | 2.849559°<br>• 0500000                          | SAB                      | 2.707139<br>14.029656                            | *Sf 3.153779<br>b-al 8.714620                                   | ) the          | .0438 <u>.</u> 000<br>98.714643                | z<br>phi                | .2563631  | 2-LE                       | .0200000<br>VEL THRUST                           |
|   | N<br>PRA<br>Si<br>n  | 2.0000000 • 1.0200000 • 4.274329 .0500000       | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9958862<br>3.471133<br>14.029656    | w2 .0500000<br>PRC 1.1327926<br>Sf *3.155490<br>b-al 10.475587  | L K            | .0300000<br>.2521706<br>.2178172<br>100.47561  | SF<br>min<br>z<br>phi   | · .0086346<br>.0343534<br>.0723459<br>104.02968 | LFr<br>max<br>m            | .5938549<br>.3245165*<br>.0300000                |
| • | N<br>PRA<br>Si *     | 2.0000000<br>1.0300000<br>2.849555<br>.0500000° | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9947838<br>2.758746<br>14.029656    | w2 .0500000<br>PRC 1.1498108<br>Sf 3.155490<br>b-al 10.475587   | L              | .0300000<br>.0740738<br>.0397204<br>100.47561  | SF<br>min<br>z<br>phi   | .0086346<br>.0343534<br>.2504427<br>104.02968   | LFr<br>max<br>m<br>2-LE    | .5212917<br>.3245165<br>.0300000<br>/EL THRUST   |
| : | N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>.2.849559<br>.0600000 | wl.<br>PRB<br>SAB        | .1400000<br>1.0296593<br>2.701119<br>15.826319   | w2 .0600000<br>PRC 1.1356820<br>Sf 3.158595<br>b-al 8.714620    | L<br>K         | :0200000<br>.0713577<br>.0426430<br>98.714643  | SF<br>min<br>z<br>phi   | .0101795<br>.0287148<br>.2548582<br>105.82634   | · LFr<br>max<br>m<br>2-LEV | .5208626<br>· .3262159<br>.0200000<br>/EL THRUST |
|   | N·<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274328<br>.0600000  | wl<br>PRB<br>SAB<br>gem  | .1400000<br>1.0065521<br>3.465113<br>15.826319   | w2' .0600000 'PRC 1.1045481 Sf 3.160307 .b-al 10.475587         | L K            | .0300000<br>.2536755<br>.2166602<br>100.47561  | SF<br>min<br>· z<br>phi | .0112505<br>.0370153<br>.0708410<br>.105.82634  | LFr<br>max<br>m            | .6075583<br>.3245165<br>.0300000                 |
| • | N<br>PRÅ<br>Si.      | 2.00000000<br>1.0300000<br>2.849554<br>.0600000 | wl<br>PRB<br>SAB         | .1400000<br>1.0079467<br>· 2.752726<br>15.826319 | w2 .0600000<br>PRC 1.1390130<br>Sf 3.160307<br>b-al 10 475587   | L<br>K         | .0300000<br>.0755787<br>.0385634<br>100.47561  | SF<br>min<br>z<br>phi   | .0112505<br>.0370153<br>:2489378<br>105.82634   | LFr<br>max<br>m<br>2-LEV   | .5259247<br>.3245165 .<br>.0300000 '             |
| * | N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>3.799401<br>.0600000  | wl<br>PRB<br>SAB<br>gem  | .1400000<br>.9915573<br>3.279774<br>15.826319    | w2 .0600000<br>PRC 1.0987779<br>Sf 3.162806<br>b-al 12.246622   | w3<br>. L<br>K | .0400000<br>.1984024<br>.1534019               | SF<br>min<br>z<br>phi   | .0126810.<br>.0450005<br>.1240993<br>105.82634  | LFr<br>max<br>m            | .5920448<br>.3225017<br>.0400000                 |
|   | N<br>PRA<br>Si       | 2.0000000<br>1.0399940<br>2.849557<br>.0600000  | wl<br>PRB<br>SAB<br>gama | .1400000<br>.9896405<br>2.804835<br>15.826319    | w2 .0600000<br>PRC 1.1394305<br>Sf 3.162806<br>b-al 12.246622   | L<br>K         | .0400000<br>.0796719<br>.0346714<br>102.24664  | SF min z phi            | .0126810<br>.0450005<br>.2428298<br>105.82634   | · LFr<br>max<br>m<br>2-LEV | .5315762<br>.3225017<br>.0400000<br>TEL THRUST   |
|   | N<br>PRA<br>Si       | 2.0000000<br>1.0200000<br>2.849560<br>.0700000  | .wl<br>PRB<br>SAB<br>gam | :1400000<br>1.0452742<br>2.694215<br>17.639436   | w2 .0700000<br>PRC 1.1238863<br>Sf 3.165081<br>b-al 8.714620    | L<br>K         | .0200000<br>.0730839<br>.0413600<br>98.714643  | SF min ż phi            | .0134983<br>.0317239<br>.2531321<br>107.63946   | LFr<br>max<br>m<br>2-LEV   | .5258036<br>.3262159<br>.0200000<br>EL THRUST    |
| • | N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>4.274330<br>.0700000  | wl<br>PRB<br>SAB<br>gam  | .1400000<br>1.0182362<br>3.458210<br>17.639436   | .w2   | . L<br>K       | .0300000<br>.2554016<br>.2153771<br>100.47561  | SF:<br>min<br>z<br>phi  | .0145683<br>.0400245<br>.0691149<br>107.63946   | LFr<br>max<br>m            | .6214495<br>.3245165<br>.0300000                 |
|   | N<br>PRA<br>Si       | 2.0000000<br>1.0300000<br>2.849555<br>.0700000  | wl<br>PRB<br>SAB         | .1400000<br>1.0220746<br>2.745823<br>17.639436   | w2 .0700000<br>PRC 1.1284040<br>Sf 3.166793<br>b-al 10.475587   | L<br>K         | .0300000<br>.0773049<br>.0372804<br>.100.47561 | SF<br>min<br>•z<br>phi  | .0145683<br>.0400245<br>.2472117<br>107.63946   | LFr<br>max<br>m<br>2-LEV   | .5307455<br>.3245165<br>.0300000<br>EL THRUST    |
|   | N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>3.799403<br>.0700000  | wl<br>PRB<br>SAB,<br>gam | .1400000<br>1.0022399<br>3.272871<br>17.639436   | w2 .0700000<br>PRC 1.0737083<br>• Sf 3.169293<br>b-al 12.246622 |                | .0400000<br>.2001286<br>.1521189<br>102.24664  | SF<br>min<br>z<br>phi   | .0159998<br>.0480097<br>.1223731<br>107.63946   | LFr<br>max<br>m            | .6028023 ° .3225017 .0400000                     |

|                       |  |  |   |                         |  |                            |   |                         | •  |                           |  |
|-----------------------|--|--|---|-------------------------|--|----------------------------|---|-------------------------|--|---------------------------|--|
| N -<br>PRA Si         | 2.0000000<br>1.0399874<br>2.849558<br>.0700000     | wl<br>PRB<br>SAB<br>gam  | .1400000<br>1.0013883<br>2.797913<br>17.639436    | w2<br>PRC<br>Sf<br>b-al | .0700000<br>1.1311643<br>3.169293<br>12.246622   | w3<br>L<br>K<br>the        | .0400000<br>.0813980<br>.0333883<br>102.24664         | SF<br>min<br>z<br>phi   | %0159998<br>.0480097<br>.2411037<br>107.63946  | LFr<br>max<br>m<br>2-LEV  | .5362864<br>.3225017<br>.0400000<br>/EL THRUST   |
| N ** PRA Si n         | 2.0000000<br>1.0400000<br>3.561946<br>.0700000     | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9873993<br>.3.206777<br>17.639436    | PRC Sf &                | .0700000<br>1.0677776<br>3:172800<br>14.029655   | w3<br>L<br>K<br>the        | .0500000<br>.1744118<br>.1187410<br>.104.02968        | SF<br>min<br>z<br>phi   | .0180626<br>.0556708<br>.1457511<br>107.63946  | LFr<br>max<br>m           | .5970535<br>.3201628<br>.0500000                 |
| N PRA<br>Si*<br>n     | 2.0000000<br>1.0496859 *<br>2.849559 *<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | .1400000<br>•.9844796<br>2:849688<br>17.639436    | w2<br>PRC<br>Sf<br>b-al | *.0700000<br>1.1309377<br>3.172800<br>14.029655  | w3°L<br>K<br>the           | .0500000<br>.0853634<br>.0296926<br>104.02968         | SF min z phi            | .0180626<br>.0556708<br>.2347994<br>107.63946  | LFr<br>max<br>m<br>2-LEV  | .5426312<br>.3201628<br>.0500000<br>/EL THRUST . |
| N<br>PRA<br>Si.       | 2.0000000<br>1.0200000<br>-2.849553<br>.0800000    | wl representation of the property of the prope | .1400000<br>1.0609295<br>2.686396<br>19.470994    | . Sf .                  | .0800000<br>1.1135768<br>3.173780<br>8.714620    | w3<br>  L<br>  K;<br>  the | .0200000<br>.0750370<br>.0399543<br>98.714643         | SF<br>min<br>z<br>phi   | .0176201<br>.0350827<br>.2511789<br>109.47102  | LFr<br>max<br>m<br>2-LEV  | .5309448<br>.3262159<br>.0200000<br>/EL THRUST   |
| N PRA<br>Si*<br>n     | 2.0000000<br>1:0200000<br>4.274323<br>:0800000     | wl<br>PRB<br>SAB*<br>gam   | .1400000<br>1.0304839<br>3.450391<br>19.470994    | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0515963<br>3.175491<br>10.475587   | w3<br>L<br>K               | .0300000<br>.2573547.<br>.2139714<br>100.47561        | SF min z phi            | .0186911<br>.0433833<br>.0671618<br>109.47102  | · LFr<br>max<br>m         | .6355524<br>.3245165<br>.0300000                 |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0300000<br>2.849549<br>.0800000     | SAB  | .1400000°<br>1.0365493<br>2.738004°<br>•19.470994 | wZ<br>PRC<br>Sf<br>b-al | .0800000<br>1.1188888<br>3.175491<br>10.475587   | w3<br>L<br>K<br>the        | .0300000<br>.0792580<br>.0358747<br>100.47561         | SF<br>min<br>z<br>phi   | .0186911<br>.0433833<br>.2452585<br>109.47102  | LFr<br>max<br>.m<br>2-LEV | .5357781<br>.3245165<br>.0300000<br>/EL THRUST   |
| N PRA                 | 2.0000000<br>1.0300000<br>3.799412<br>.0800000     | vul<br>PRB<br>SAB·<br>gam  | .1400000<br>1.0141910<br>3.265060<br>19.470994    | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0493497<br>3.177991<br>12.246622   | W3.<br>L<br>K<br>the       | .0400000<br>.2020836.<br>.1507151<br>102.24664        | SF min z phi            | .0201216<br>.0513685<br>.1204181<br>109.47102  | LFr<br>max<br>m           | .6137848<br>.3225017<br>.0400000                 |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1:0399766<br>2.849552<br>0800000      | wl.<br>PRB<br>SAB.<br>gam  | .1400000<br>.1.0142342<br>2.790063<br>19.470994   | PRC<br>Sf               | . 0800000<br>1.1230534<br>3.177991<br>12.246622  | w3<br>L<br>K               | 0400000<br>.0833512<br>.0319827<br>102. <b>2</b> 4664 | SF minz phi             | .0201216<br>.0513685<br>.2391505<br>109.47102  | LFr<br>max<br>m<br>2-LEV  | .5412207<br>.3225017<br>.0400000<br>/EL THRUST   |
| PRA<br>Si             | 2.0000000<br>1.0400000<br>3.561939<br>.0800000     | wi<br>PRB<br>SAB<br>gam  | 1400000<br>.9977026<br>3.198958<br>19.470994      | Sf                      | .0800000<br>•1.0457655<br>3.181498<br>14.029655  | w3<br>L<br>K.<br>the       | · .0500000<br>.1763649<br>.1173353<br>104.02968       | SF<br>min<br>z<br>phi   | .0221853<br>.0590296<br>.1437979<br>109.47102  | LFr<br>max<br>m           | .6064358<br>.3201628<br>.0500000                 |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0496143<br>2.849552<br>.0800000     | wl<br>PRB<br>SAB   | . 1400000.<br>.9948127<br>2.841665<br>19.470994   | PRC<br>Sf.              | 0800000<br>.1.1254276<br>3.181498<br>14.029655   | w3<br>L<br>K<br>the        | .0500000<br>.0873165<br>.0282869<br>104.02968         | SF min z phi            | .0221853<br>.0590296<br>.2328463<br>109.47102  | LFr<br>max<br>m<br>2-LEV  | .5474777<br>.3201628<br>.0500000<br>/EL THRUST   |
| N.<br>PRA<br>Si<br>n  | 2.0000000<br>1.0400000<br>4.274328<br>.0800000     | wl<br>PRB<br>SAB   | .1400000<br>.9854425<br>3.608276<br>19.470994     | PRC<br>Sf               | * .0800000<br>1.0398546<br>3.186315<br>15.826319 | w3<br>L<br>K<br>the        | .0600000<br>.2692566<br>.2028889<br>105.82634         | SF.<br>min<br>.z<br>phi | .0247803<br>.0663677<br>.0482443<br>109.47102  | IFr<br>max<br>· m         | .6813746<br>.3175 <b>0</b> 09<br>.0600000        |
| PRA<br>PRA<br>Si<br>n | 2.0000000<br>1.050000<br>3.419470<br>.0800000      | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.*9834864<br>3.180846<br>19.470994    | Sf                      | •.0800000<br>1.0398546<br>3.186315<br>15.826319  | w3.<br>L<br>K<br>the       | .0600000<br>.1623993<br>.0960316<br>105.82634         | min<br>z                | .0247803<br>.0663677<br>.1551016<br>°109.47102 | • IFr<br>max<br>m         | .6051836<br>.3175009<br>.0600000                 |
| N PRA Si              | 2.0000000<br>1.0586452<br>2.849554<br>.0800000     | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9795384<br>2.892028<br>19.470994     | w2<br>PRC<br>Sf<br>b-al | .0800000* 1.1247726 3.186315 15.826319           | w3<br>L<br>K<br>the        | .0600000<br>.0911598<br>.0247921<br>105.82634         | SF<br>min<br>z<br>phi   | .0247803<br>.0663677<br>.2263411<br>109.47102  | IFr<br>°max<br>m<br>2-IEV | .5543890<br>.3175009<br>.0600000<br>PEL THRUST   |

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|                      |  |                           | •  |                    |                                      |                       | *,  |                       | •   |                              |   |
|----------------------|--|---------------------------|--|--------------------|--------------------------------------|-----------------------|---|-----------------------|---|------------------------------|---|
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849541<br>.0900000 | wl<br>PRB<br>SAB<br>• gam | .1400000<br>1.0765006<br>2.677610<br>21.323511 | PRC 1.10<br>Sf 3.1 | 000000<br>051249<br>.85466<br>14620  | W3<br>L<br>K<br>the   | .0200000<br>.0772305<br>.0384275<br>98.714643 | • SF min z • phi      | • .2489855  | LFr max<br>mo<br>2-LEV       | .5363150<br>.3262159<br>.0200000<br>/EL THRUST  |
| N<br>PRA<br>⊕Si<br>n | 2.0000000<br>1.0200000<br>4.274326<br>.0900000 | wl<br>PRB<br>SAB<br>gam   | .1400000<br>1.0430965<br>3.441612<br>21.323511 | PRC 1.02<br>Sf 3.1 | 000000<br>080730<br>087178<br>075587 | .w3<br>L<br>.K<br>the | .030000<br>.2595501<br>.2124465<br>100.47561  | SF<br>min<br>z<br>phi | .0237389<br>.0471036<br>.0649664<br>111.32353     | LFr<br>max<br>m              | .6498985<br>.3245165<br>.0300000                |
| N<br>PRA<br>Si<br>n  | *2.0000000* 1.0300000 2.849552 .0900000        | wl<br>PRB<br>SAB<br>gam   | .1400000<br>1.0510980<br>2.729225<br>21.323511 | •PRC . 1.11        | 87178                                | w3<br>∘L<br>K<br>the  | .0300000<br>.0814533<br>.0343498<br>100.47561 | SF<br>min<br>z<br>phi | .0237389<br>.0471036<br>.2430632<br>111.32353     | LFr<br>max<br>m<br>2-LEV     | .541,0538<br>.3245165<br>.0300000<br>TEL THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.030000<br>3.799399<br>.0900000  | wl<br>PRB<br>SAB<br>gam   | .1400000<br>1.0268571<br>3.256273<br>21.323511 | PRC 1.02<br>Sf 3.1 | 00000<br>66186<br>89677<br>46622     | w3°<br>L<br>K<br>the  | .0400000<br>.2042771<br>.1491883<br>102.24664 | SF<br>min<br>z<br>phi | .0251694<br>.0550888<br>.1182246<br>111.32353     | LFr<br>max<br>m              | .6250191<br>.3225017<br>.0400000                |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0399596<br>2.849540<br>.0900000 | Wl<br>PRB<br>SAB<br>gam   | .1400000<br>1.0275151<br>2.781228<br>21.323511 | PRC 1.11<br>Sf 3.1 | 00000<br>61485<br>89677<br>46622     | w3<br>L<br>K<br>the   | .0400000<br>.0855446<br>.0304558<br>102.24664 | SF<br>min<br>z<br>phi | .0251694<br>.0550888<br>.2369571<br>111.32353     | . LFr<br>max<br>m .<br>2-LEV | .5464087<br>.3225017<br>.0400000<br>EL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.000000<br>1.040000<br>3.561942<br>.0900000   | wl<br>PRB<br>SAB<br>gam   | .1400000<br>1.0094896<br>3.190179<br>21.323511 | PRC 1.02           | 00000<br>43723<br>93185<br>29655     | w3<br>L<br>K<br>the   | .0500000<br>.1785603<br>.1158104<br>104.02968 | SF<br>min<br>z<br>phi | .0272331<br>.0627499<br>.1416026<br>111.32353     | IFr<br>max<br>m              | .6160822<br>.3201628<br>.0500000                |
| N<br>PRA.<br>Si<br>n | 2.0000000<br>1.0495243<br>2.849555<br>.0900000 | wl<br>PRB<br>SAB<br>gam   | .1400000<br>1.0064119<br>2.832630<br>21.323511 | PRC 1.120          | 00000<br>01043<br>93185<br>29655     | w3<br>L<br>K<br>the   | .0500000<br>.0895119<br>.0267620<br>104.02968 | SF<br>min<br>z<br>phi | .0272331<br>.0627499<br>.2306510<br>111.32353     | LFr<br>max<br>m<br>2-LEV     | •5525894<br>•3201628<br>•0500000<br>EL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0400000<br>4.274331<br>.0900000 | wl<br>PRB<br>SAB<br>gam   | .1400000<br>.9940477<br>3.599497<br>21.323511  | PRC 1.020          | 00000<br>08724<br>98001<br>26319     | w3<br>L<br>K<br>the   | .0600000<br>.2714520<br>.2013640<br>105.82634 | SF<br>min<br>z<br>phi | .0298281 .<br>.0700880<br>.0460490<br>111.32353 . | LFr<br>max<br>m              | .6954909<br>.3175009<br>.0600000                |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>3.419458<br>.0900000 | wl.<br>PRB<br>SAB<br>gam  | .1400000<br>.9932457<br>3.172060<br>21.323511  | PRC 1.020          | 08724<br>98001                       | w3<br>L<br>K<br>the   | .0600000<br>.1645928<br>.0945047<br>105.82634 | SF min z phi          |   | LFr<br>max<br>m              | .6138563<br>.3175009<br>.0600000                |
| N<br>PRA<br>Si       | 2.0000000<br>1.0584505<br>2.849557<br>.0900000 | wl<br>PRB<br>SAB<br>gam   | .1400000<br>.9885081<br>2.882695<br>21.323511  | PRC 1.122          | 98001                                | w3<br>L<br>K<br>the   | .0600000<br>.0933552<br>.0232672<br>105.82634 | SF<br>min<br>z<br>phi | .0298281<br>.0700880<br>.2241457<br>111.32353     | LFr<br>max<br>m<br>2-LEVE    | •5594349<br>•3175009<br>•0600000<br>IL THRUST   |
| N<br>PRA•<br>Si<br>n | 2.0000000<br>1.0500000<br>3.989378<br>.0900000 | wl<br>PRB<br>SAB<br>gam   | .1400000<br>.9817311<br>3.510649<br>21.323511  | PRC 1.015          | 51611<br>54488                       | L<br>K<br>the         | .0700000<br>.2395496<br>.1624708<br>107.63946 | SF<br>min<br>z<br>phi | .0331450<br>.0770788<br>.0749421<br>111.32353     | IFr<br>max<br>m              | .6831646<br>.3144917<br>.0700000                |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0600000<br>3.324477<br>.0900000 | wl<br>PRB<br>SAB<br>gam   | ••1400000<br>•9798036<br>3•178198<br>21•323511 | PRC 1.029          | 4488                                 | w3<br>L<br>K<br>the   | .0700000<br>.1564369<br>.0793581<br>107.63946 | SF<br>min<br>z<br>phi | .0331450 -0770788 .1580548 .111.32353             | LFr:<br>max *<br>m<br>2-LEVE | .6154385<br>.3144917<br>.0700000<br>IL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0666873<br>2.849547<br>.0900000 | wl<br>PRB<br>SAB<br>gam   | •1400000°<br>•9748728<br>2•931293<br>21•323511 | PRC 1.121          | 4488                                 | w3<br>L<br>K          | .0700000<br>.0970707<br>.0199919<br>107.63946 | SF<br>min<br>z<br>phi | .0331450°0770788 .2174211 111.32353               | LFr<br>max<br>*m<br>2-LEVE   | .5670624<br>.3144917<br>.0700000<br>I. THRUST   |

|                       |   | •                           | •   |   |                         |  |                       |   |                            |   |
|-----------------------|---|-----------------------------|---|---|-------------------------|--|-----------------------|---|----------------------------|---|
| N<br>PRA<br>Si<br>n   | 2:0000000<br>1.0200000<br>2.849545<br>.1000000    | vl<br>PRB<br>SAB<br>• gam   | .1400000<br>1.0919268<br>2.667810<br>23.199708  | w2 .1000000<br>PRC 1.0989660<br>Sf 3.201347<br>b-al 8.714620      | w3°<br>L<br>K<br>the    | .0200000<br>.0796814<br>:.0367836<br>98.714643       | SF<br>min<br>z<br>phi | .0287657<br>.0428978<br>.2465345<br>113.19973   | IFr °<br>max<br>m<br>2-LEV | .5419436<br>.3262159<br>.0200000<br>EL THRUST |
| • N PRA Si n          | 2.0000000<br>1.0200000<br>4.274330<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>1.0559812<br>3.431813<br>23.199708  | w2 .1000000<br>PRC 1.0070235<br>Sf 3.203059<br>b-al 10.475587     | w3<br>L<br>K<br>the     | .0300000<br>.2620011<br>.2108027<br>100.47561        | SF min<br>z phi       | .0298367<br>.0511984<br>.0625155<br>113.19973   | LFr<br>max<br>m            | .6645136<br>.3245165<br>.0300000              |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0300000<br>2.849556<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>1.0655897<br>2.719425<br>23.199708  | w2 .1000000<br>PRC 1.1053447<br>Sf 3.203059<br>b-al 10.475587     | w3<br>·L<br>K<br>the    | .0300000<br>.0839043<br>.0327059<br>100.47561        | SF<br>min<br>z<br>phi | .0298367<br>**.0511984<br>.2406122<br>113.19973 | LFr<br>max<br>m<br>2-LEV   | .5465984<br>.3245165<br>.0300000<br>EL THRUST |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0300000<br>3.799403<br>.1000000    | vl<br>PRB<br>SAB<br>gam     | .1400000<br>1.0399944<br>3.246473<br>23.199708  | w2 .1000000<br>PRC 1.0060956<br>Sf 3.205558<br>b-al 12.246622     | w3<br>L<br>K<br>the     | .0400000<br>.2067280<br>.1475444<br>102.24664        | SF<br>min<br>z<br>phi | .0312681<br>.0591836<br>.1157737<br>113.19973   | LFr<br>max<br>m            | .6365376<br>.3225017<br>.0400000              |
| N<br>PRA<br>Si<br>n . | 2.0000000<br>1.0399338<br>2.849543<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>1.0409365<br>2.771354<br>23.199708  | .w2 .1000000<br>PRC 1.1111875<br>Sf 3.205558<br>b-al 12.246622    | w3<br>L<br>K<br>the     | .0400000<br>.0879955<br>.0288120<br>102.24664        | SF<br>min<br>z<br>phi | .0312681<br>.0591836<br>.2345061<br>113.19973   | . LFr<br>mex<br>m<br>2-LEV | •5518799<br>•3225017<br>•0400000<br>EL THRUST |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0400000<br>3.561946<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>1.0221234<br>3.180379<br>23.199708  | w2 .1000000<br>PRC 1.0046934<br>Sf 3.209065<br>b-al 14.029655     | w3<br>L.<br>K<br>the    | .0500000<br>.1810112<br>.1141665<br>104.02968        | SF<br>min<br>z<br>phi | .0333309<br>.0668447<br>.1391516<br>113.19973   | LFr<br>max<br>m            | .6260262<br>.3201628<br>.0500000              |
| N<br>PRA<br>Si<br>n   | 2.000000<br>1.0494121<br>2.849559<br>:1000000     | wl<br>PRB<br>SAB<br>gam     | .1400000<br>1.0185540<br>2.822510<br>23.199708  | w2 .1000000<br>. PRC 1:1162435<br>Sf 3.209065<br>b-al.14.029655   | w3<br>L<br>K<br>the     | .0500000<br>.0919628<br>.0251181<br>104.02968        | SF<br>min<br>z<br>phi | .0333309<br>.0668447<br>.2282000<br>113.19973   | LFr<br>max<br>m<br>2-LEV   | •5579977<br>•3201628<br>•0500000<br>EL THRUST |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1:0400000<br>4.274335<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>1.0041246<br>3.589697<br>23.199708  | w2 .1000000<br>PRC 1.0025764 .<br>Sf 3.213882<br>b-al 15.826319   | w3<br>L<br>·K<br>the    | .0600000<br>.2739029<br>.1997201<br>105.82634        | SF<br>min<br>z<br>phi | .0359259<br>.0741828<br>.0435980<br>113.19973   | LFr<br>max<br>m            | •7099161<br>•3175009<br>•0600000              |
| N<br>PRA<br>∙Si<br>n  | 2.0000000<br>1.0500000<br>3.419462<br>.1000000    | wl<br>PRB<br>SAB<br>gem     | .1400000<br>1.0046788<br>3.162260<br>23.199708  | w2 .1000000<br>PRC 1.0115913<br>Sf 3.213882<br>b-al 15.826319     | w3 .<br>L<br>K<br>.the  | .0600000<br>.1670437<br>.0928609<br>105.82634        | SF<br>min<br>z<br>phi | .0359259<br>.0741828<br>.1504572<br>.113.19973  | LFr<br>max<br>m<br>2-LEVI  | .6228399<br>.3175009<br>.0600000<br>GL THRUST |
| PRA<br>Si<br>n        | 2.0000000<br>1.0582187<br>2.849546<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>: .9989157<br>2.872226<br>23.199708 | w2 .1000000<br>PRC 1.1201663<br>Sf 3.213882<br>b-al 15.826319     | w3<br>L<br>K<br>the     | .0600000<br>.0958042<br>.0216214<br>105:82634        | SF<br>min<br>z<br>phi | .0359259<br>.0741828<br>.2216967<br>.113.19973  | IFr<br>max<br>m<br>2-LEVI  | .5647888<br>.3175009<br>.0600000<br>IL THRUST |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0500000<br>3.989382<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>.9900159<br>.3.500849<br>.23.199708 | w2 .1000000<br>PRC9993111<br>Sf 3.220368<br>b-al 17.639436        | w3°·<br>L<br>K<br>the   | .0700000<br>.2420006<br>.1608270<br>107.63946        | SF min z phi          | .0392437<br>.0811736<br>.0724912<br>113:19973   | LFr · max · m              | .6957350<br>.3144917<br>.0700000              |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0600000<br>3.324480<br>.1000000    | wl<br>PRB<br>SAB<br>gam     | .1400000<br>'.9888298'<br>3.168398<br>23.199708 | w2 .1000000<br>PRC 1.0278844<br>Sf 3.220368<br>b-a1.17.639436     | w3 ·<br>L<br>K ·<br>the | .0700000 %<br>.1588879<br>.0777142 *<br>107.63946    | SF<br>min<br>z<br>phi | .0392437<br>.0811736<br>.1556039<br>113.19973   | IFr<br>max<br>m<br>2-IEVE  | .6237755<br>.3144917<br>.0700000<br>IL THRUST |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0663152<br>2.849551<br>.10000000 # | * ŵl<br>*PRB:<br>SAB<br>gam | .1400000<br>.9825467<br>2.920433<br>23.199708   | *w2 *.1000000<br>PRC 1.1222902<br>Sf 3.220368 *<br>b-al 17.639436 | L<br>K                  | • .0700000<br>• .0995216<br>• .0183480<br>107 .63946 | SF<br>min<br>z<br>phi | .0392437<br>.0811736<br>.2149701<br>113.19973   | LFr<br>max<br>m<br>2-LEVE  | .5723753<br>.3144917<br>.0700000<br>IL THRUST |

| •    |                         |  | •                        | 9   |                          |   |                       | `   |                        |  |                            |  |
|------|-------------------------|--|--------------------------|---|--------------------------|---|-----------------------|---|------------------------|--|----------------------------|--|
|      | N PRA<br>PRA<br>Si<br>n | * 2.0000000<br>1.0600000<br>3.799412<br>.1000000 | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9782426<br>3.459979<br>23.199708   | w2<br>PRC<br>Sf<br>b-al  | .1000000<br>.9939992<br>3.229067<br>19.470994   | w3<br>L<br>K<br>the   | .0800000<br>.2218495<br>.1340347<br>109.47102   | SF<br>min<br>z<br>phi  | .0433760<br>.0878148<br>.0892834<br>113.19973  | IFr<br>max<br>m            | .6896219<br>.3111329<br>.0800000               |
| * (1 | N®<br>PRA<br>Si<br>n°   | 2.0000000<br>1.0699564<br>3.256627<br>.1000000   | VI<br>PRB<br>SAB<br>gam  | .1400000<br>.9759421<br>. 3.188444<br>23.199708 | W2<br>PRC<br>Sf<br>b-al  | .1000000<br>1.0377056<br>3.229067<br>19.470994  | w3<br>L<br>K<br>the   | .0800000<br>.1540012<br>.0661865<br>109.47102   | SF<br>min<br>z<br>phi  | .0435760<br>.0878148<br>.1571316<br>113.19973  | IFr<br>max<br>m<br>2-LEV   | .6274233<br>.3111329<br>.0800000<br>VEL THRUST |
|      | n°<br>PRA<br>Si<br>n    | 2.0000000<br>1.0737293<br>2.849553<br>1000000    | vl<br>PRB<br>SAB         | •.1400000<br>•9704768<br>2.967180<br>23.199708  | w2<br>PRC<br>Sf<br>b=al  | .1000000<br>1.1213674<br>3.229067<br>19.470994  | w3<br>L<br>K<br>the   | .0800000<br>.1031170 °<br>.0153023<br>109.47102 | SF°<br>min<br>z<br>phi | .0433760<br>.0878148<br>.2080159<br>113.19973  | LFr<br>max *<br>m<br>2-LEV | .5807762<br>.3111329<br>.0800000<br>/EL.THRUST |
| 44*  | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0200000<br>2.849540<br>.1100000   | wl<br>PRB*<br>SAB<br>gam | .1400000<br>1.1071745<br>2.656918<br>25.102621  | w2<br>PRC<br>Sf<br>b-al  | .1100000<br>1.0957982<br>3.223479<br>8.714620   | w3<br>L<br>K<br>the   | .0200000<br>.0824032<br>.0350205<br>98.714643   | SF<br>min<br>z<br>phi  | .0360842<br>.0473827<br>.2438127<br>115.10264  | LFr<br>max<br>m = 2-LEV    | .5478630<br>.3262159<br>.0200000<br>/EL THRUST |
| ٠    | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0200000<br>4.274340<br>.1100000   | wl<br>PRB<br>SAB<br>gam  | .1400000<br>1.0690899<br>3.420928<br>25.102621  | w2<br>PRC<br>Sf<br>b-al  | .1100000<br>.9889844<br>3.225190<br>10.475587   | w3°<br>L<br>K<br>the  | .0300000<br>.2647247<br>.2090414<br>100.47561   | SF<br>min<br>z<br>phi  | .0371552<br>.0556833<br>.0597918<br>115.10264  | LFr<br>max<br>m            | .6794376<br>.3245165<br>.0300000               |
|      | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0300000<br>2.849551<br>.1100000   | vl<br>PRB<br>SAB<br>gam  | .1400000<br>1.0799509<br>2.708533<br>25.102621  | Sf                       | .1100000<br>1.1025981<br>3.225190<br>10.475587  | w3<br>L<br>K •<br>the | .0300000<br>.0866261<br>.0309428<br>100.47561   | SF<br>min<br>z<br>phi  | .0371552<br>.0556833<br>.2378905<br>115.10264  | LFr<br>max<br>m·<br>2-LEV  | .5524502<br>.3245165<br>.0300000<br>EL THRUST  |
|      | N<br>PRA<br>Si          | 2.0000000<br>1.0300000<br>3.799413<br>.1100000   | wl<br>PRB<br>SAB<br>gam  | .1400000<br>1.0534805<br>3.235589<br>25.102621  | w2<br>PRC<br>Sf<br>b-al  | .1100000<br>.9884223<br>3.227690<br>12.246622   | w3<br>L<br>K<br>the   | .0400000<br>.2094517<br>.1457832<br>102.24664   | SF<br>min<br>z<br>phi  | .0385857<br>.0636685<br>.1130500               | IFr' max                   | .6483784<br>.3225017<br>.0400000               |
|      | N<br>PRA<br>Si          | 2.0000000<br>1.0398960<br>2.849553<br>.1100000   | vl<br>PRB<br>SAB<br>gam  | .1400000<br>1.0543456<br>2.760362<br>25.102621  | Sf                       | .1100000<br>1,1090285<br>3.227690<br>12.246622  | w3<br>L<br>K<br>the   | .0400000<br>.0907192<br>.0270508<br>102.24664   | SF<br>min<br>z<br>phi  | .0385857<br>.0636685<br>.2317825<br>115.10264  |                            | .5576735<br>.3225017<br>.0400000<br>EL THRUST  |
|      | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0400000<br>3.561941<br>.1100000   | SAB                      | .1400000<br>1.0353198<br>3.169487<br>25.102621  |                          | .1100000<br>.9875843<br>.3.231197<br>.14.029655 | w3<br>L<br>K<br>the   | .0500000<br>.1837330<br>.1124034<br>104.02968   | SF<br>min<br>z<br>phi  | .0406494<br>.0713296<br>.1364298<br>115.10264  | IFr<br>max<br>m            | .6363039<br>.3201628<br>.0500000               |
|      | N .<br>PRA<br>Si<br>n   | 2.0000000<br>1.0492729<br>2.849554<br>.1100000   | .SAB                     | .1400000<br>1.0309105<br>2.811221<br>25.102621  | Sf ·                     | :1100000.<br>1.1149297<br>3.231197<br>14.029655 | w3<br>L<br>K °<br>the | .0500000<br>.0946846<br>.0233550<br>104.02968   | SF<br>min<br>z<br>phi  | .0406494<br>.0713296<br>.2254782<br>115.10264  | LFr<br>max<br>m<br>2-LEVE  | .5637407<br>.3201628<br>.0500000<br>IL THRUST  |
| ]    | N<br>PRA<br>Si          | 2.0000000<br>1.0400000<br>4.274330<br>.1100000   | SAB                      | .1400000<br>1.0150441<br>3.578804<br>25.102621  | w2 · PRC<br>Sf<br>b-al I | .1100000<br>.9863440<br>3.236014<br>15.826319   | w3<br>L·<br>K<br>the  | .0600000<br>.2766247<br>.1979570<br>105.82634   | SF<br>min<br>z<br>phi  | .04324444<br>.0786677<br>.0408762<br>115.10264 | IFr<br>max<br>m            | .7246905<br>.3175009<br>.0600000               |
| 1    | N.<br>PRA<br>Si.        | 2.0000000<br>1.0500000<br>3.419456<br>.1100000   | SAB                      | .1400000<br>1.0170122<br>3.151368<br>25.102621  | Sf                       | .1100000<br>1.0096831<br>3.236014<br>15.826319  | w3<br>L<br>K<br>the   | .0600000<br>.1697655<br>.0910978<br>105.82634   | SF<br>min<br>z<br>phi  | .0432444<br>.0786677<br>.1477355<br>115.10264  | IFr<br>max<br>m<br>2-LEVE  | .6321716.<br>.3175009<br>.0600000<br>I. THRUST |
| I    | RA<br>Si                | 2.0000000<br>1.0579433<br>2.849556<br>.1100000   | SAB                      | .1400000<br>1.0099734<br>2.860557<br>25.102621  | Sf                       | .1100000<br>.1200821<br>3.236014<br>5.826319    | w3<br>L<br>K<br>the   | .0600000<br>.0985279<br>.0198602<br>105.82634   | SF<br>min<br>z<br>phi  | .0432444<br>.0786677<br>.2189730<br>115.10264  | m                          | 5704937<br>.3175009<br>.0600000<br>I THRUST    |

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|                        |  |                                      | -  |                           |   |                       |  |                         |  |                           |  |   |
|------------------------|--|--------------------------------------|--|---------------------------|---|-----------------------|--|-------------------------|--|---------------------------|--|---|
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0500000<br>3.989377<br>.1100000 | wl<br>PRB <sup>®</sup><br>SAB<br>gam | .1400000<br>.9999648<br>3.489957<br>25.102621  | w2<br>PRC<br>• Sf<br>b-al | •1100000<br>•9844916<br>3•242500<br>17•639436   | w3<br>L<br>K<br>the   | .0700000<br>.2447224<br>.1590638<br>107.63946  | SF min z phi            | .0465622<br>.0856585<br>.0697694<br>115.10264                                  | LFr<br>max<br>m           | .7086649<br>.3144917<br>.0700000               |   |
| N PRA                  | 2.0000000<br>1.0600000<br>3.324475<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9995253<br>3.157506<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>1.0274060<br>3.242500<br>17.639436  | w3<br>L<br>K<br>the   | .0700000<br>.1616097<br>.0759511<br>107.63946  | SF<br>min<br>z<br>phi   | .0465622<br>.0856585<br>.1528821<br>115.10264                                  | IFr<br>max<br>m<br>2-LEV  | .6324730<br>.3144917<br>.0700000<br>/EL THRUST |   |
| N<br>PRA<br>Si .       | 2.0000000<br>1.0658815<br>2.849545<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9918140<br>2.908304<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>1.1241131<br>3.242500<br>17.639436  | w3<br>L<br>K<br>the   | .0700000<br>.1022434<br>.0165849<br>107.63946. | SF<br>min<br>z<br>phi   | .0465622<br>.0856585<br>.2122483<br>115.10264                                  | LFr<br>max<br>m<br>2-LEV  | .5780497<br>.3144917<br>.0700000<br>VEL THRUST | 4 |
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0600000<br>3.799407<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9860836<br>3.449087<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>.9816415<br>3.251198<br>19.470994   | w3<br>L<br>• K<br>the | .0800000<br>.2245712<br>.1322716<br>109.47102  | SF<br>min<br>z<br>phi   | .0506935<br>.0922997<br>.0865616<br>115.10264                                  | LFr<br>max<br>m           | .7013273<br>.3111329<br>.0800000               |   |
| N.<br>PRA<br>Si<br>n   | 2.0000000<br>1.0699367<br>3.256637<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9838953<br>3.177495<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>1.0399433<br>3.251198<br>19.470994  | w3<br>L<br>K<br>the   | .0800000<br>.1567249<br>.0644253<br>109.47102  | SF<br>min<br>z<br>phi   | .0506935<br>.0922997<br>.1544079<br>115.10264                                  | LFr<br>max<br>m<br>2-LEV  | .6356754<br>.3111329<br>.0800000<br>EL THRUST  |   |
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0731215<br>2.849548<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9769120<br>2.954556<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>1.1264083<br>3.251198<br>19.470994  | w3<br>L<br>K<br>the   | .0800000<br>.1058388<br>.0135391<br>109.47102  | SF<br>min<br>z<br>phi   | <ul><li>.0506935</li><li>.0922997</li><li>.2052941</li><li>115.10264</li></ul> | LFr<br>max<br>m<br>2-LEV  | .5864344<br>.3111329<br>.0800000<br>EL THRUST  |   |
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0600000<br>4.274324<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9770075<br>3.741141<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>.9769704<br>3.262885<br>*21.323511  | w3<br>L°<br>K<br>the  | .090000<br>.2874107<br>.1888310<br>111.32353   | SF<br>min<br>z<br>phi   | .0557079<br>.0985797<br>.0200022<br>115.10264                                  | LFr<br>max<br>m           | •7770319<br>•3074129<br>•0900000               |   |
| N .<br>PRA<br>Si<br>n, | 2.0000000<br>1.0700000<br>3.663713<br>.1100000 | wl.<br>PRB<br>SAB<br>gam             | .1400000<br>.9749644<br>3.435836<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>.9769704<br>3.262885<br>21.323511   | w3<br>L<br>K<br>the   | .0900000<br>.2110844<br>.1125046<br>111.32353  | SF<br>min<br>z<br>phi   | .0557079<br>.0985797<br>.0963286<br>115.10264                                  | LFr<br>max<br>m           | .6992865<br>.3074129<br>.0900000               |   |
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0793716<br>3.205751<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9719168<br>3.204840<br>25.102621  | w2<br>PRC<br>Sf<br>b-al   | .1100000°<br>1.0475295<br>3.262885<br>21.323511 | w3<br>L<br>K<br>the   | .0900000<br>.1538391<br>.0552594<br>111.32353  | SF<br>min<br>z<br>phi   | .0557079<br>.0985797<br>.1535738<br>115.10264                                  | LFr<br>max<br>m<br>2-LEV  | .6409769<br>.3074129<br>.0900000<br>EL THRUST  |   |
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0797265<br>2.849550<br>.1100000 | wl<br>PRB<br>SAB<br>gam              | .1400000<br>.9663169<br>2.999479<br>25.102621  | Sf                        | .1100000<br>1.1257355<br>3.262885<br>21.323511  | w3<br>L<br>K<br>the   | .0900000<br>.1093140<br>.0107342<br>111.32353  | SF<br>min<br>z<br>phi   | .0557079<br>.0985797<br>.1980990<br>115.10264                                  | LFr<br>max<br>m<br>2-LEV  | .5956240<br>.3074129<br>.0900000<br>EL THRUST  |   |
| ∍N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0200000<br>2.849543<br>.1200000 | SAB                                  | .1400000<br>1.1222281<br>2.644866<br>27.035633 | w2<br>PRC<br>Sf<br>b-al   | .1200000 .<br>1.0969623<br>3.255941<br>8.714620 | w3<br>. L<br>K<br>the | .0200000<br>.0854168<br>.0331410<br>98.714643  | SF<br>min<br>z<br>phi   | .0448294<br>.0522759<br>.2407991<br>117.03566                                  | IFr<br>max<br>m<br>2-LEV  | .5541229<br>.3262159<br>.0200000<br>EL THRUST  |   |
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0200000<br>4.274328<br>.1200000 | SAB                                  | .1400000<br>1.0824013<br>3.408869<br>27.035633 | w2<br>PRC<br>Sf<br>b-al   | •1200000<br>•9750173<br>3•257653<br>10•475587   | w3<br>L<br>K<br>the   | .0300000<br>.2677364<br>.2071600<br>100.47561  | *SF<br>*min<br>z<br>phi | .0458994<br>.0605764<br>.0567801<br>117.03566                                  | LFr<br>max<br>m           | .6947107<br>.3245165<br>.0300000               |   |
| N<br>PRA<br>Si<br>n    | 2.0000000<br>1.0300012<br>2.849553<br>.1200000 | SAB                                  | .1400000<br>1.0941393<br>2.696485<br>27.035633 | w2<br>PRC<br>Sf<br>b-al   | .1200000<br>1.1041657<br>3.257653<br>10.475587  | w3.<br>L<br>K<br>the  | .0300000<br>.0896397<br>.0290632<br>100.47561  | SF<br>min<br>z<br>phi   | .0458994<br>.0605764<br>.2348768<br>117.03566                                  | LFr<br>max<br>m<br>2-LEVI | .5586558<br>.3245165<br>.0300000<br>EL THRUST  |   |

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|     | 0                   |  | •  | •  |   |  |  |
|-----|---------------------|--|--|--|---|--|--|
|     | N PRA Si n          | 2.0000000<br>1.0300000<br>3.799401<br>.1200000 | wl .1400000<br>PRB 1.0672556<br>SAB 3.223530<br>gam 27.035633  | PRC .9747153<br>Sf 3.260153                                      | **3 .0400000<br>L **2124634<br>K **1439018<br>the 102.24664 | SF .0473309<br>min .0685616<br>z .1100383<br>phi 117.03566.  | LFr • .6605845<br>max .3225017<br>m .0400000                   |
| 8   | N<br>PRA<br>Si      | 2.0000000<br>1.0398424<br>2.849556<br>.1200000 | wl .1400000<br>PRB 1.0676606<br>SAB 2.748158<br>gam 27.035633  | FRC 1.1111251<br>Sf -3.260153                                    | w3 .0400000<br>L .0937328<br>K .0251713<br>the 102.24664    | SF .0473309<br>min .0685616<br>z .2287688<br>phi 117.03566,  | LFr5638332<br>max .3225017<br>m .0400000<br>2-LEVEL THRUST     |
| b   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561944<br>.1200000 | wl .1400000<br>PRB 1.0489303<br>SAB 3.157435<br>gam 27.035633  | 9854255<br>Sf 3.263660   | w3 .0500000<br>*I: .1867466<br>K .1105239<br>the 104.02968  | SF .0493937<br>min .0762228<br>z .1334162<br>phi 117.03566   | "IFr 6469641<br>max 3201628<br>m 0500000<br>2-LEVEL THRUST     |
|     | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0491004<br>2.849557<br>.1200000 | wl .1400000<br>PRB 1.0433127<br>SAB 2.798678<br>gam 27.035633  | PRC 1.1177314<br>Sf. 3.263660                                    | w3 .0500000<br>.L .0976982<br>K .0214755<br>the 104.02968   | SF .0493937<br>min .0762228<br>z .2224646<br>phi 117.03566   | IFr .5698652<br>max .3201628<br>m .0500000<br>2-LEVEL THRUST   |
|     | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>4.274333<br>.1200000 | wl .1400000<br>PRB 1.0265225<br>SAB 3.566753<br>gam 27.035633  | PRC .9736178<br>Sf 3.268477                                      | w3 .0600000<br>L :2796383<br>K .1960774<br>the 105.82634    | SF .0519886<br>min .0835609<br>z .0378626<br>phi 117.03566   | 1Fr .7398615<br>max .3175009<br>m .0600000                     |
|     | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419459<br>.1200000 | wl .1400000<br>PRB 1.0298542<br>SAB 3.139316<br>gam 27.035633  | PRC 1.0109614<br>Sf 3.268477                                     | w3 .0600000<br>L .1727791<br>K .0892182<br>the 105.82634    | SF .0519886<br>min .0835609<br>z .1447.218<br>phi 117.03566  | IFr .6419001<br>mex .3175009<br>m .0600000<br>2-LEVEL THRUST   |
|     | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0576162<br>2.849543<br>.1200000 | wl .1400000<br>PRB 1.0213197<br>SAB 2.847565<br>gam 27.035633  | PRC 1.1238544<br>Sf 3.268477                                     | w3 .0600000<br>L .1015396<br>K .0179788<br>the 105.82634    | SF .0519886<br>min .0835609<br>z .2159613<br>phi 117.03566   | 1Fr .5765925<br>max .3175009<br>m .0600000<br>2-LEVEL THRUST   |
|     | N<br>PRA<br>Si<br>n | 2.000000<br>1.0500000;<br>3.989380<br>.1200000 | wl .1400000<br>PRB 1.0108795<br>SAB 3.477905<br>gam 27.035633  | PRC .9726634<br>Sf 3.274963                                      | w3 .0700000<br>L .2477360<br>K .1571843<br>the 107.63946    | SF .0553064<br>min .0905517<br>z .0667558<br>phi 117.03566   | IFr •7220097<br>max •3144917<br>m •0700000                     |
|     | N<br>PRA<br>Si °    | 2.0000000<br>1.0600000<br>3.324478<br>1200000  | wl .1400000<br>PRB 1.0110772<br>SAB 3.145454<br>gam 27.035633  |  | w3 .0700000<br>L .1646233<br>K .0740716<br>the 107.63946    | SF .0553064<br>min .0905517<br>z .1498685<br>phi 117.03566   | LFr 6415854<br>max 3144917<br>m 0700000<br>2-LEVEL THRUST      |
| . ] | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0653765<br>2.849548<br>.1200000 | wl .1400000<br>PRB 1.0018331<br>SAB 2.894813<br>gam .27.035633 | w2 .1200000<br>PRC: 1.1292510<br>Sf 3.274963<br>b-al-17.639436   | w3 .0700000<br>L .1052570<br>K .0147054<br>the 107.63946    | SF .0553064<br>min .0905517<br>· z .2092347<br>phi 117.03566 | IFr 5841389<br>max 3114917<br>m 0700000<br>2-LEVEL THRUST      |
| ]   | N °<br>PRA<br>Si    | 2.0000000<br>1.0600000<br>3.799410<br>.1200000 | wl .1400000<br>PRB .9957616<br>SAB 3.437035<br>gam 27.035633   | w2 .1200000<br>PRC .9712389<br>Sf 3.283661<br>b-al 19.470994     | w3 .0800000<br>L .2275849<br>K .1303921<br>the 109.47102    | SF .0594387<br>min .0971928<br>z .0835480<br>phi 117.03566   | IFr .7134600<br>max .3111329<br>m .0800000                     |
| Þ   |                     | 2.0000000<br>1.0699101<br>3.256640<br>.1200000 | wl .1400000<br>PRB .9935876<br>SAB 3.165358<br>gam 27.035633   | w2 .1200000 ° . PRC 1.0440695 Sf 3.283661 b-al 19.470994         | w3 .0800000<br>1 .1597386<br>K .0625458<br>the 109.47102    | SF .0594387<br>min .0971928<br>°z .1513943<br>phi 117.03566  | LFr .6443529<br>max .3111329<br>m .0800000<br>2-LEVEL THRUST   |
|     | PRA<br>Si           | 2.0000000<br>1.0724212<br>2.849551<br>.1200000 | wl .1400000<br>PRB .9850873<br>SAB 2.940509<br>gam 27.035633   | w2 * .1200000<br>PRC 1.1336033<br>Sf *3.283661<br>b-al 19.470994 | w3 .0800000<br>L .1088524<br>K .0116596<br>the 109.47102    | SF .0594387<br>min .0971928<br>z .2022805<br>phi 117.03566   | IFr • .5925207<br>max .5111329<br>m .0800000<br>2-LEVEL THRUST |

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|   |                     |   |                         |  |   |                     | •   |                       |  |                           |  |   |
|---|---------------------|---|-------------------------|--|---|---------------------|---|-----------------------|--|---------------------------|--|---|
| • | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>°4.274327<br>.1200000 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9837472<br>3.729090<br>27.035633  | w2 .1200000<br>PRC .969027;<br>Sf 3.295346<br>b-al 21.32351;                            | S L                 | .0900000<br>.2904244<br>.1869515<br>111.32353 | SF<br>min<br>z<br>phi | .0644531<br>.1034729<br>.0169886<br>117.03566  | LFr<br>mex<br>m           | .7922001<br>.3074129<br>.0900000               |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.663716<br>.1200000  | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9822918<br>3.423785<br>27.035633。 | w2 .1200000<br>PRC .9798381<br>Sf 3.295346<br>b-al 21.323511                            | L L                 | .0900000<br>.2140980<br>.1106251<br>111.32353 | SF<br>min<br>z<br>phi | .0644531<br>.1034729<br>.0933150<br>117.03566  | IFr<br>max<br>m<br>2-LEVE | .7105675<br>.3074129<br>.0900000°<br>IL THRUST |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0792604°<br>3.205754<br>.1200000 | wl<br>PRB<br>SAB<br>gam |  | w2 .1200000<br>PRC 1.054661 <sup>1</sup><br>Sf 3.2953 <sup>1</sup> 48<br>b-al 21.323511 | L<br>B K            | .0900000<br>.1568527<br>.0533799<br>111.32353 | SF<br>min<br>z<br>phi | .0644531<br>.1034729<br>.1505602<br>117.03566  | LFr<br>max<br>m<br>2-LEVE | .6493426<br>.3074129<br>.0900000<br>IL THRUST  |   |
| , | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0788176<br>2.849553<br>.1200000  | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9715686<br>2.984837<br>27.035633  | w2 .1200000<br>PRC 1.1363366<br>Sf 3.295346<br>b-al 21.323511                           | B K                 | .0900000<br>.1123276<br>.0088547<br>111.32353 | SF<br>min<br>z<br>phi | .0644531<br>.1034729<br>.1950854<br>117.03566  | LFr<br>max<br>m<br>2-LEVE | .6017218<br>.3074129<br>.0900000<br>IL THRUST  |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>4.070785<br>.1200000  | wl<br>PRB<br>SAB<br>gem | .1400000<br>.9738222<br>3.682391<br>27.035633  | w2 .1200000<br>PRC .9653281<br>Sf 3.311228<br>b-al 23.199708                            | L<br>K              | .1000000<br>.2683373<br>.1589591<br>113.19973 | SF<br>min<br>z<br>phi | .0705357<br>.1093781<br>.0349810<br>117.03566  | LFr<br>max<br>m           | .7828779<br>.3033182<br>.1000000               |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0800001<br>3.561935<br>.1200000  | wl<br>PRB<br>SAB<br>gem | .1400000<br>.9717495<br>3.427966<br>27.035633  | w2 .1200000<br>PRC .9940272<br>Sf 3.311228<br>b-al 23.199708                            | L<br>K              | .1000000<br>.2047310<br>.0953529<br>113.19973 | SF<br>min<br>z<br>phi | .0705357<br>.1093781<br>.0985872<br>117.03566  | LFr<br>max<br>m<br>2-LEVE | .7116098<br>.3033182<br>.1000000<br>L THRUST   |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0878547<br>3.166167<br>.1200000  | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9679765<br>3.223290<br>27.035633  | w2 .1200000<br>PRC 1.0612677<br>Sf 3.311228<br>b-al 23.199708                           | L<br>K              | .1000000<br>.1552601<br>.0458820<br>113.19973 | SF<br>min<br>z<br>phi | .0705357<br>.1093781<br>.1480581<br>117.03566  | LFr<br>max<br>m<br>2-LEVE | .6561804<br>.3033182<br>.1000000<br>L THRUST   |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0846502<br>2.849548<br>.1200000  | wl<br>PRB<br>SAB<br>gem | .1400000<br>.9623565<br>3.028032<br>27.035633  | w2 .1200000<br>PRC 1.1362990<br>Sf 3.311228<br>b-al 23.199708                           | L<br>K              | .1000000<br>.1156826<br>.0063045<br>113.19973 | SF<br>min<br>z<br>phi | .0705357<br>.1093781<br>.1876356<br>117.03566  | IFr<br>max<br>m<br>2-LEVE | .6118355<br>.3033182<br>.1000000<br>L THRUST   |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849556<br>.0400000  | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9999778<br>2.648831<br>13.050236  | w2 .0400000<br>PRC 1.2261600<br>Sf 3.147427<br>b-al 9.281672                            | L<br>K              | .0200000<br>.0844288<br>.0604687<br>99.281695 | SF<br>min<br>z<br>phi | .0056048<br>.0239601<br>.2215340<br>103.05026  | max                       | •5724535<br>•3059628<br>•0200000               |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849554<br>.0500000  | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0147085<br>2.643222<br>14.955219 | w2 .0500000<br>PRC 1.1910061<br>Sf 3.149743<br>b-al 9.281672                            | L<br>K              | .0200000<br>.0858307<br>.0593733<br>99.281695 | SF<br>min<br>z<br>phi | .0076494<br>.0264574<br>.2201321<br>104.95524  | max                       | •5779305<br>•3059628<br>•0200000               |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000°<br>1.0200000<br>4.274340<br>.0500000 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9958092<br>3.407408<br>14.955219  | w2 .0500000<br>PRC 1.1848584<br>Sf 3.150891<br>b-al 11.159840                           | w3<br>L<br>K<br>the | .0300000<br>.2681046<br>.2334579<br>101.15986 | SF<br>min<br>z<br>phi | .0087347<br>.0346467<br>.0360475<br>104.95524  | max                       | .6565447<br>.3041521<br>.0300000               |   |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.030000<br>2.849551<br>.0500000   | wl<br>PRB<br>SAB<br>gam | *.1600000<br>.9947015<br>2.695014<br>14.955219 | w2 .0500000<br>PRC 1.1848584<br>Sf 3.150891<br>b-al 11.159840                           | K<br>the            | .0300000<br>.0900059<br>.0553592<br>101,15986 | SF<br>min<br>z<br>phi | .0087347<br>.0346467<br>.2141462<br>104.95524  | max                       | .5839815<br>.3041521<br>.0300000°              | ٠ |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849557<br>.0600000  | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0305493<br>2.636733<br>16.876945 | w2 .0600000<br>PRC 1.1603092<br>Sf 3.152889<br>b-al 9.281672                            | W3<br>L<br>K<br>the | .0200000<br>.0874538<br>.0581486<br>99.281695 | SF<br>min<br>z<br>phi | .0102911<br>.0293052°<br>.2185089<br>106.87697 | max                       | .5835676<br>.3059628<br>.0200000<br>L THRUST   |   |
|   |                     |   | •                       |  | .,  |                     |   | *                     |  | •                         |  |   |

| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274328<br>.0600000 | wl<br>PRB<br>SAB<br>gem   | .1600000<br>1.0066758<br>3.400912<br>16.876945   | w2 .0600000<br>PRC 1.1533434<br>Sf 3.154037<br>-b-al 11.159840  | w3<br>L.<br>K<br>the | .0300000<br>.2697258<br>.2322313°<br>101.15986  | SF<br>min<br>•z<br>phi | .0113764<br>.0374945<br>.0344263<br>106.87697 | LFr<br>max<br>m   | .6711302<br>.3041521<br>.0300000 |
|---------------------|--|---------------------------|--|---|----------------------|---|------------------------|---|-------------------|----------------------------------|
| N                   | 2.0000000                                      | Wl                        | .1600000   | w2 .0600000   | w3                   | .0300000  | SF min z phi           | .0113764                                      | LFr               | .5894966                         |
| PRA                 | 1.0300000                                      | PRB                       | 1.0084398  | PRC 1.1633296   | L                    | .0916290  |                        | .0374945                                      | max               | .3041521                         |
| Si                  | 2.849554                                       | SAB                       | 2.688525   | Sf 3.154037   | K                    | .0541345  |                        | .2125230                                      | m                 | .0300000                         |
| n                   | .0600000                                       | gam                       | 16.876945  | b-al 11.159840  | the                  | 101.15986                                       |                        | 106.87697                                     | 2-LE              | VEL THRUST                       |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799403<br>.0600000 | wl<br>PRB<br>SAB<br>gam   | .1600000<br>.9913893<br>3.215788<br>16.876945 *  | w2 .0600000<br>PRC 1.1467442<br>Sf° 3.155703<br>b-al 13.050236  | w3<br>L<br>K<br>the  | .0400000<br>.2143993<br>.1690543<br>103.05026   | SF<br>min<br>z<br>phi  | .0128298<br>.0453450<br>.0876032<br>106.87697 | LFr<br>max<br>m   | .6565008<br>.3020026<br>.0400000 |
| N                   | 2.0000000                                      | vl                        | .1600000   | w2 .0600000   | w3                   | .0400000  | SF min z phi           | .0128298                                      | LFr               | .5960322                         |
| PRA                 | 1.0400000                                      | PRB                       | .9898712   | PRC 1.1631338   | L                    | .0956688  |                        | .0453450                                      | max               | .3020026                         |
| Si                  | 2.849558                                       | SAB                       | 2.740865   | Sf 3.155703   | K                    | .0503238  |                        | .2063338                                      | m °               | .0400000                         |
| n                   | .0600000                                       | gam                       | 16.876945  | b-al 13.050236  | the                  | .103:05026                                      |                        | 106.87697                                     | 2-LE              | VEL THRUST                       |
| N PRA Si            | 2.0000000                                      | wl                        | .1600000   | w2 .0700000 .   | w3.                  | .0200000  | SF                     | .0136376                                      | LFr               | .5893974                         |
|                     | 1.0200000                                      | PRB                       | 1.0469523  | PRC 1.1468895   | L                    | .0893173  | min                    | .0325280                                      | mex               | .3059628                         |
|                     | 2.849548                                       | SAB                       | 2.629270   | Sf 3.157066   | K                    | .0567894  | z                      | .2166455                                      | m                 | .0200000                         |
|                     | .0700000                                       | gam                       | 18.818803  | b-al 9.281672   | the                  | .99.281695                                      | phi.                   | 108.81882                                     | 2-LEV             | /EL THRUST                       |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274335<br>.0700000 | wl<br>PRB<br>SAB<br>gam   | • .1600000<br>1.0185842<br>3.393457<br>18.818803 | W2 .0700000 .<br>PRC 1.1227108<br>Sf 3.158214<br>b-al 11.159840 | w3<br>L<br>K<br>the  | .0300000<br>.2715912<br>.2308740<br>101.15986   | SF<br>min<br>z<br>phi  | .0147228<br>.0407173<br>.0325609<br>108.81882 | LFr<br>max<br>m   | .6859217<br>.3041521<br>.0300000 |
| N                   | 2.0000000                                      | Wl                        | .1600000   | w2 .0700000   | w3                   | .0300000  | SF                     | .0147228                                      | LFr               | .5952168                         |
| PRA                 | 1.0300000                                      | PRB                       | 1.0233947  | PRC 1.1510430   | L                    | .0934925  | min                    | .0407173                                      | max               | .3041521                         |
| Si                  | 2.849545                                       | SAB                       | 2.681062   | Sf 3.158214   | K'                   | .0527753  | z                      | .2106596                                      | m                 | .0300000                         |
| n                   | .0700000                                       | SAB                       | 18.818803  | b-al 11.159840  | the                  | 101.15986                                       | phi                    | 108.81882                                     | 2=LEV             | EL THRUST                        |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799409<br>.0700000 | wl<br>PRB<br>SAB<br>gem   | `.1600000<br>1.0022849'<br>3.208332<br>18.818803 | w2 .0700000<br>PRC 1.1185909<br>• Sf 3.159880<br>b-al 13.050236 | w3<br>L<br>K<br>the  | .0400000<br>.2162647<br>.1676970<br>103.05026   | SF<br>min<br>z<br>phi  | .0161762<br>.0485678<br>.0857379<br>108.81882 | LFr<br>max<br>m   | .6681709<br>.3020026<br>.0400000 |
| N                   | 2.0000000                                      | wl                        | .1600000   | w2 .0700000   | w3                   | .0400000  | SF                     | .0161762                                      | LFr               | .6016541                         |
| PRA                 | 1.0400000                                      | PRB                       | 1.0024516  | PRC 1.1531970   | L°                   | .0975323  | min                    | .0485678                                      | max               | .3020026                         |
| Si                  | 2.849549                                       | SAB                       | 2.733403°  | •Sf 3.159880  | K                    | .0489645  | z                      | .2044703                                      | m                 | .0400000                         |
| n                   | .0700000                                       | gam                       | 18.818803  | b-al 13.050236  | the                  | 103.05026                                       | phi                    | 108.81882                                     | 2-LEV             | FL THRUST                        |
| *N<br>PRA<br>Si *   | 2.0000000<br>1.0400000<br>3.561933<br>.0700000 | wl *<br>PRB<br>SAB<br>gam | .1600000<br>.9871415<br>3.142471<br>18.818803    | w2 .0700000<br>PRC 1.1117246<br>Sf 3:162195<br>b-al 14.955219   | w3<br>L<br>K<br>the  | .0500000°<br>.1904850°<br>.1344147<br>104.95524 | SF<br>min<br>z<br>phi  | .0182562<br>.0560703<br>.1090202<br>108.81882 | LFr<br>max<br>m   | .6633263<br>.2995052<br>.0500000 |
| N                   | 2.0000000                                      | wl °                      | .1600000   | w2 .0700000   | w3                   | .0500000  |                        | .0182562                                      | IFr               | .6089039                         |
| PRA                 | 1.0499978                                      | PRB                       | .9851336°  | PRC 1.1520470   | L ·                  | .1014366  |                        | .0560703                                      | max               | .2995052                         |
| Si                  | 2.849546                                       | SAB                       | .2.786270  | Sf 3.162195   | K                    | .0453663  |                        | .1980685                                      | m                 | .0500000                         |
| n                   | .0700000                                       | gam                       | 18.818803  | b-al 14.955219  | the                  | 104.95524                                       |                        | 108.81882                                     | 2-LEV             | EL THRUST                        |
| Ň                   | 2.0000000                                      | wl                        | .1600000   | w2 .0800000   | w3                   | .0200000  | SF                     | .0177879                                      | LFr               | .5954523                         |
| PRA                 | 1.0200000                                      | PRB                       | 1.0635676  | PRC 1.1345871   | L                    | .0914345  | min,                   | .0361300                                      | max               | .3059628                         |
| Si                  | 2.849561                                       | SAB                       | 2.620815   | Sf 3.162563   | K                    | .0553045  | z                      | .2145283                                      | m                 | .0200000                         |
| n                   | .0800000                                       | gem                       | 20.783323  | b-al 9.281672   | the                  | 99.281695                                       | phi $_{\odot}$         | 110.78334                                     | 2-LEV             | EL THRUST                        |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274332<br>.0800000 | wl<br>PRB<br>SAB<br>gam   | .1600000<br>1.0310729<br>3.384993<br>20.783323   | w2 .0800000<br>PRC 1.0937159<br>Sf 3.163711<br>b-al 11.159840   | w3<br>L<br>K<br>the  | .0300000<br>.2737064<br>.2293872<br>101.15986   | SF<br>min<br>z<br>phi  | .0188732<br>.0443193<br>.0304456<br>110.78334 | LFr<br>* max<br>m | .7009487<br>.3041521<br>.0300000 |

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| N<br>PR/<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849558<br>.0800000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0388534<br>2.672606<br>20.783323 | PRC 1.139   | 3711 K           | .0300000<br>.0956097<br>.0512904<br>: 101.15986 | z                         | .0188732<br>.0443193<br>.2085424<br>110.78334  | IFr<br>max<br>m<br>2-IE   | .6011744<br>.3041521<br>.0300000<br>VEL THRUST |
|---------------------|---|--------------------------|--|---|------------------|---|---------------------------|--|---------------------------|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799407<br>.0800000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0144802<br>3.199869<br>20.783323 | w2 .080<br>PRC 1.090<br>Sf 3.16<br>b-al 13.05         | 9965 L<br>5377 K | .0400000<br>.2183800<br>.1662102                | SF<br>min<br>z<br>phi     | .0203266<br>.0521698<br>.0836226<br>110.78334  | LFr<br>max<br>m           | .6800881<br>.3020026<br>.0400000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849562<br>.0800000  | wl.<br>PRB<br>SAB<br>gam | .1600000<br>1.0162810<br>2.724947<br>20.783323 | w2 .0800<br>PRC 1.1430<br>Sf 3.169<br>b-al 13.050     | 0193 L<br>5377 K | .0400000<br>.0996494<br>.0474797<br>103.05026   | SF<br>min<br>z<br>phi     | .0203266<br>.0521698<br>.2023531<br>110.78334  | LFr<br>max<br>m<br>2-LEV  | .6075258<br>.3020026<br>.0400000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000°<br>1.0400000<br>3.561946<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9976551<br>3.134015<br>20.783323  | w2 .0800<br>PRC 1.0867<br>Sf 3.167<br>b-al 14.955     | 7066 L<br>7692 K | .0500000<br>.1926022<br>.1329298<br>104.95524   | SF<br>min<br>z<br>phi     | .0224075<br>.0596723<br>.1069030<br>110.78334  | ° LFr<br>max<br>m         | .6736584<br>.2995052<br>.0500000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0499928<br>2.849559<br>.0800000  | wl<br>PRB<br>SAB<br>gem  | .1600000<br>.9963800<br>2.777801<br>20.783323  | w2 .0800<br>PRC 1.1449<br>Sf 3.167<br>b-al 14.955     | 5025 L<br>692 K  | .0500000<br>.1035538<br>.0438814<br>104.95524   | SF<br>min<br>z<br>phi     | .0224075<br>.0596723<br>.1959514<br>110.78334  | LFr<br>max<br>m<br>2-LEV  | .6147003<br>.2995052<br>.0500000<br>EL THRUST  |
| NPRAS1              | 2.0000000<br>1.0400000<br>4.274331<br>.0800000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9851769<br>3.543604<br>20.783323  | w2 .0800<br>PRC 1.0797<br>Sf 3.170<br>b-al 16.876     | 379 L<br>838 K   | .0600000<br>.2854252<br>.2186006<br>106.87697   | SF<br>min<br>z<br>phi     | .0250301<br>.0668246<br>.0112322<br>110.78334  | LFr<br>max<br>m           | •7495403<br>•2966574<br>•0600000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419458<br>.0800000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9831436<br>3.116167<br>20.783323  | w2 .0800<br>PRC 1.0797<br>Sf 3.170<br>b-al 16.876     | 379 L<br>838 K   | .0600000<br>.1785660<br>.1117414<br>106.87697   | SF<br>min<br>z<br>phi     | .0250301<br>.0668246<br>.1180914<br>110.78334  | LFr<br>max<br>m           | .6733484<br>.2966574<br>.0600000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0597826<br>2.849557<br>.0800000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9803885<br>2.830598<br>20.783323  | w2 .0800<br>PRC 1.1426<br>Sf 3.170<br>b-al 16.876     | 094 L<br>838 K   | .0600000<br>.1073284<br>.0405039<br>106.87697   | SF<br>min<br>z<br>phi     | .0250301<br>.0668246<br>.1893290               | IFr<br>max<br>m<br>2-LEV  | .6225548<br>.2966574<br>.0600000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849554<br>.0900000  |                          | .1600000<br>1.0802176<br>2.611278<br>22.773790 | w2 .09000<br>PRC 1.1237<br>Sf 3.169<br>b-al 9.2816    | 305 L<br>761 K   | .0200000<br>.0938168<br>.0536898<br>99.281695   | min<br>z                  | .0228520<br>.0401270<br>.2121460<br>112.77381  | LFr<br>max<br>m<br>2-LEVE | .6017599<br>.3059628<br>.0200000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274340<br>.0900000  | SAB                      | .1600000<br>1.0439410<br>3.375464<br>22.773790 | w2 .09000<br>PRC 1.06668<br>Sf 3.1709<br>b-al 11.1598 | 307 L<br>909 K   | .0300000<br>.2760906<br>.2277744<br>101.15986   | SF<br>min<br>z<br>phi     | .0239372<br>.0483163<br>.0280615<br>112.77381  | LFr<br>max<br>m           | .7162457<br>.3041521<br>.0300000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849551<br>.0900000  | SAB                      | .1600000<br>1.0544950<br>2.663070<br>22.773790 | w2 .09000<br>PRC 1.12916<br>Sf 3.1709<br>b-al 11.1598 | 532 L<br>909 K   | .0300000<br>.0979920<br>.0496757<br>101.15986   | SF<br>min<br>z<br>phi     | .0239372<br>.0483163<br>.2061601<br>112.77381  | m                         | .6074000<br>.3041521<br>.0300000<br>L THRUST   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799414<br>.0900000  | SAB                      | .1600000<br>1.0274121<br>3.190340<br>22.773790 | w2 .09000<br>PRC 1.06483<br>Sf 3.1725<br>b-al 13.0502 | 551 L<br>74 K    | .0400000<br>:2207642<br>.1645974<br>103.05026   | SF<br>min<br>z<br>phi     | .0253906<br>.0561668<br>.0812384<br>112.77381  | max                       | .6922884<br>.3020026<br>.0400000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849555<br>.0900000  | SAB                      | .1600000<br>1.0306450<br>2.715410<br>22.773790 | w2 .09000<br>PRC 1.13361<br>Sf 3.1725<br>b-al 13.0502 | 94 L<br>74 K     | .0400000<br>.1020317<br>.0458650<br>103.05026   | SF<br>* min<br>z<br>phi ] | .0253906<br>.0561668<br>.1999709<br>.12.777381 | max<br>m                  | .6136780<br>.3020026<br>.0400000<br>L THRUST   |
|                     |   |                          |  |   |                  |   |                           |  |                           |  |

| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561938<br>.0900000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0096891<br>3.124479<br>22.773790     | w2<br>PRC<br>Sf •<br>b-al | .0900000<br>1.0620166<br>3.174889<br>14.955219 | W3<br>L<br>K<br>the            | .0500000<br>.1949844<br>.1313151<br>104.95524 | SF<br>min<br>z<br>phi     | .0274706<br>.0636693<br>.1045207<br>112.77381 | IFr<br>mex<br>m          | .6842833<br>.2995052<br>.0500000               |
|---------------------|--|-------------------------|--|---------------------------|--|--------------------------------|---|---------------------------|---|--------------------------|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0499843<br>2.849551<br>.0900000 * | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0089915<br>2.768240<br>22.773790     | w2<br>PRC<br>Sf<br>b-al   | .0900000<br>1.1366777<br>3.174889<br>14.955219 | w3<br>L<br>K<br>the            | .0500000<br>.1059361<br>.0422667<br>104.95524 | SF<br>min<br>z;<br>phi    | .0274706<br>.0636693<br>.1935691<br>112.77381 | LFr<br>max<br>m<br>2-LE  | .6207905<br>.2995052<br>.0500000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000 .<br>1.0400000<br>4.274324<br>.0900000 | wl<br>PRB<br>SAB<br>gam | •1600000<br>• •9939375<br>• 3•534067<br>•22•773790 | w2<br>PRC<br>Sf<br>b-al   | .0900000<br>1.0576888<br>3.178036<br>16.876944 | w3<br>L<br>K<br>the            | .0600000<br>.2878075<br>.2169859<br>106.87697 | SF min z* phi             | .0300932<br>.0708216<br>.0088499<br>112.77381 | IFr<br>max<br>m          | .7646504<br>.2966574<br>.0600000               |
| N<br>PRA<br>Si<br>n | 2:0000000<br>1.0500000<br>3.419465<br>.0900000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9931034<br>3.106638<br>22.773790      | w2<br>PRC<br>Sf<br>b-al   | .0900000<br>1.0576888<br>3.178036<br>16.876944 | * w3<br>L<br>K<br>the          | .0600000<br>.1809502<br>.1101286<br>106.87697 | SF<br>min<br>z<br>phi     | .0300932<br>.0708216<br>.1157072<br>112.77381 | LFr<br>max<br>m          | .6830177<br>.2966574<br>.0600000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0597228<br>2.849549<br>.0900000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9902941<br>2.820890<br>22.773790      | °w2<br>PRC<br>Sf<br>b-al  | .0900000<br>1.1376495<br>3.178036<br>16.876944 | w3<br>L<br>K<br>the            | .0600000<br>.1097107<br>.0388892<br>106.87697 | SF<br>min<br>z•<br>phi    | .0300932<br>.0708216<br>.1869467<br>112.77381 | LFr<br>max<br>m<br>2-LEV | .6285944<br>.2966574<br>.0600000<br>/EL THRUST |
| N<br>PRA<br>Si      | 2.0000000<br>1.0500000<br>3.989375<br>.0900000   | wl<br>PRB<br>SAB<br>gem | .1600000<br>.9813858<br>3.445521<br>22.773790      | w2<br>PRC<br>Sf<br>b-al   | .0900000<br>1.0507702<br>3.182213<br>18.818803 | w3<br>L<br>K<br>the            | .0700000<br>.2558308<br>.1782320<br>108.81882 | SF<br>min<br>z<br>phi     | .0334387<br>.0775988<br>.0376038<br>112.77381 | LFr<br>max<br>m          | •7533074<br>«2934346<br>•0700000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324474<br>.0900000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9793979<br>3.113070<br>22.773790      | w2<br>PRC<br>Sf<br>b-al   | .0900000<br>1.0507702<br>3.182213<br>18.818803 | w3<br>L<br>K<br>the            | .0700000<br>.1727181<br>.0951193<br>108.81882 | SF<br>min<br>z<br>phi     | .0334387<br>.0775988<br>.1207165<br>112.77381 | LFr<br>max<br>m          | .6855803<br>.2934346<br>.0700000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0690084<br>2.849559<br>.0900000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9758174<br>2.872788<br>22.773790      | w2<br>PRC<br>Sf<br>b-al   | .0900000<br>1.1351602<br>3.182213<br>18.818803 | w3<br>L<br>K<br>the            | .0700000<br>.1133537<br>.0357550<br>108.81882 | SF<br>min<br>z<br>phi     | .0334387<br>.0775988<br>.1800808<br>112.77381 | LFr<br>max<br>m<br>2-LEV | .6372061<br>.2934346<br>.0700000<br>TEL THRUST |
| N PRA Si            | 2.0000000<br>1.0200000<br>2.849553<br>.1000000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0968154<br>2.600604<br>24.793708     | w2<br>PRC<br>Sf<br>b-al   | .1000000<br>1.1145752<br>3.179195<br>9.281672  | w3<br>L<br>K<br>the            | .0200000<br>.0964851<br>.0519501<br>99.281695 | SF<br>min<br>z<br>phi     | .0289488<br>.0445351<br>.2094777<br>114.79373 | LFr<br>max<br>m<br>2-LEV | .6083565<br>.3059628<br>.0200000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274340<br>.1000000   | CAR                     | 1600000<br>1.0570963<br>3.364790<br>24.793708      | Sf                        | .1000000<br>1.0417896<br>3.180343<br>11.159840 | w3<br>L<br>K<br>the            | .0300000<br>2787590<br>.2260347<br>101.15986  | SF<br>min<br>Z<br>phi     | .0300341<br>.0527243<br>.0253931<br>114.79373 | LFr<br>max<br>m          | •7318440°<br>•3041521<br>•0300000              |
| PRA<br>S1<br>n      | 2.0000000<br>1.0300000<br>2.849550<br>.1000000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0701663<br>2.652396<br>24.793708     | Sf                        | .1000000<br>1.1204291<br>3.180343<br>11.159840 | w3<br>L .<br>*K<br><b>t</b> he | .0300000<br>.1006603<br>.0479360<br>101.15986 | ° SF°<br>•min<br>z<br>phi | .0300341<br>.0527243<br>.2034917<br>114.79373 | LFr<br>max<br>m<br>2-LEV | .6139279<br>.3041521<br>.0300000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799399<br>.1000000   | wl<br>PRB<br>SAB<br>gam | .1600000 -<br>1.0408348<br>3.179658<br>24.793708   | Sf                        | .1000000<br>1.0405263<br>3.182008<br>13.050236 | w3<br>L<br>K<br>the            | .0400000<br>.2234306<br>.1628558<br>103.05026 | SF<br>min<br>z<br>phi     | .0314875<br>0605748<br>.0785719<br>114.79373  | IFr<br>max<br>m          | .7048044<br>.3020026<br>.0400000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849554<br>.1000000   | wl<br>PRB<br>SAB<br>gem | .1600000<br>1.0452241<br>2.704736<br>24.793708     | Sf                        | .1000000<br>1.1255556<br>3.182008<br>13.050236 | w3<br>L<br>K<br>the            | .0400000<br>.1047001<br>.0441253<br>103.05026 | SF<br>min<br>z<br>phi     | .0314875<br>.0605748<br>.1973025<br>114.79373 | IFr<br>max<br>m<br>2-LEV | .62011487<br>.3020026<br>.0400000              |

| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561938<br>.1000000 | wl .1600000<br>PRB 1.0225964<br>SAB 3.113805<br>gam 24.793708   | w2 .1000000<br>PRC 1.0386382<br>Sf 3.184323<br>b-al 14.955219     | w3 .0500000<br>L .1976528<br>K .1295754<br>the 104.95524   | SF .0335684<br>min .0680774<br>z .1018523<br>phi 114-79373                                       | IFr .6952410<br>max .2995052<br>m .0500000                   |
|---------------------|--|---|---|--|--|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0499701<br>2.849551<br>.1000000 | wl .1600000<br>PRB 1.0222145<br>SAB 2.757525<br>gam 24.793708   | w2 .1000000<br>PRC 1.1296804<br>Sf 3.184323<br>b-al 14.955219     | w3 .0500000<br>L .1086044<br>K .0405270<br>the 104.95524   | SF .0335684<br>min .0680774<br>z .1909007<br>phi 114.79373                                       | IFr .6272125<br>max .2995052<br>m .0500000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>4.274323<br>.1000000 | wl .1600000<br>PRB 1.0042023<br>SAB 3.523393<br>gam 24.793708   | w2 .1000000<br>PRC 1.0358295<br>Sf 3.187470<br>b-al 16.876944     | w3 .0600000<br>L °.2904759<br>K .2152462<br>the 106.87697  | SF .0361910<br>min .0752296<br>z .0061815<br>phi 114.79373                                       | IFr .7801075<br>max .2966574<br>m .0600000                   |
| N PRA               | 2.0000000<br>1.050000<br>3.419465<br>.1000000  | wl .1600000<br>PRB 1.0047824<br>SAB 3.095964<br>gam 24.793708   | w2 .1000000<br>PRC 1.0358295<br>Sf 3.187470<br>b-al 16.876944     | w3 .0600000<br>L .1836186<br>K .1083889<br>the 106.87697   | SF .0361910<br>min .0752296<br>z .1130388<br>phi 114.79373                                       | LFr .6930323<br>max *.2966574<br>m .0600000                  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0596465<br>2.849549<br>.1000000 | wl .1600000<br>PRB 1.0017165<br>SAB 2.809998<br>gam 24.793708   | w2 .1000000<br>PRC 1.1323878 °<br>Sf 3.187470 .<br>b-al 16.876944 | w3 .0600000<br>L .1123791<br>K .0371495<br>the 106.87697   | SF .0361910<br>min .0752296<br>z .1842783<br>phi 114.79373                                       | IFr .6349812<br>max .2966574<br>m .0600000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.989375<br>.1000000 | wl .1600000<br>PRB .9898241<br>SAB 3.434847<br>gam 24.793708    | w2 .1000000<br>PRC 1.0315849<br>Sf 3.191647<br>b-al 18.818803     | w3 .0700000<br>L .2584992<br>K .1764923<br>the 108.81882   | SF .0395365<br>min .0820068<br>z .0349354<br>phi 114.79373                                       | LFr .7669268<br>max .2934346<br>m .0700000                   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324473<br>.1000000 | wl .1600000<br>PRB .9887312<br>SAB 3.102397<br>gam 24.793708    | w2 .1000000<br>PRC 1.0404933<br>Sf 3.191647<br>b-al 18.818803     | w3 .0700000<br>L .1753864<br>K .0933796<br>the 108.81882   | SF .0395365<br>min .0820068<br>z .1180481<br>phi 114.79373                                       | IFr .6949673<br>max .2934346<br>m .0700000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0688423<br>2.849559<br>.1000000 | wl .1600000<br>PRB .9844349<br>SAB 2.861640<br>gam 24.793708    | w2 .1000000<br>PRC 1.1329553<br>Sf 3.191647<br>b-al 18.818803     | w3 .0700000<br>L .1160221<br>K .0340153<br>the 108.81882   | SF .0395365<br>min .0820068<br>z .1774125<br>phi 114.79373                                       | LFr .6435700<br>max .2934346<br>m .0700000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.799401<br>.1000000 | wl .1600000<br>PRB .9778216<br>SAB 3.394302<br>gam 24.793708    | w2 .1000000<br>PRC 1.0248645<br>Sf 3.197144<br>b-al 20.783323     | w3 .0800000<br>L .2382660<br>K .1498612<br>the 110.78334   | SF .0436964<br>min .0884048<br>z .0515666<br>phi 114.79373                                       | 1.Fr .7618446<br>max .2898326<br>m .0800000                  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.256631<br>.1000000 | wl .1600000<br>PRB .9758213<br>SAB 3.122917<br>gam 24.793708    | w21000000<br>PRC 1.0491353<br>Sf 3.197144<br>b-al 20.783323       | w3 .0800000 .<br>L .1704197<br>K .0820149<br>the 110.78334 | *SF .0436964<br>min .0884048<br>z .1194129<br>phi 114.79373                                      | IFr .6996479<br>max .2898326<br>m .0800000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0775171<br>2.849557<br>.1000000 | wl " .1600000<br>PRB .9714827<br>SAB 2.912305<br>gam 24.793708  | w2 .1000000<br>PRC 1.1300309<br>Sf 3.197144<br>b-al 20.783323     | w3 .0800000<br>L .1195355<br>K .0311306<br>the 110.78334   | SF .0436964<br>min .0884048<br>z .1702971<br>phi 114.79373                                       | LFr .6530008<br>max .2898326<br>m .0800000<br>2-LEVEL THRUST |
| PRA                 | 2.0000000<br>1.0200000<br>2.849559<br>.1100000 | wl .1600000<br>PRB 1.1133163<br>SAB .2.588708<br>gam 26.847105  | w2 1100000<br>PRC 1.1074238<br>Sf 3.191651<br>b-al 9.281672       | w3 .0200000<br>L .0994606<br>K .0500860<br>the 99.281695   | SF .0362225<br>min * .0493746<br>z .2065022<br>phi 116.84713                                     | IFr :6152868<br>max :3059628<br>m :0200000<br>2-LEVEL THRUST |
|                     | 2.0000000<br>1.0200000<br>4.274330<br>.1100000 | wl .1600000<br>PRB • 1.0704920<br>SAB 3.352887<br>gam 26.847105 | w2 .1100000<br>PRC 1.0192289<br>Sf 3.192799<br>b-al 11.159840     | • w3 .0300000<br>L .2817326<br>K .2241687<br>the 101.15986 | <ul> <li>SF .0373078</li> <li>min .0575639</li> <li>z .0224195</li> <li>phi 116.84713</li> </ul> | IFr* .7477904<br>max .3041521<br>m .0300000                  |

101.15986

phi 116.84713

| N PRA Si             | 2.0000000<br>1.0300000<br>2.849556<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0857848<br>2.640500<br>26.847105  | w2 .1100000<br>PRC 1.1136322<br>Sf 3.192799<br>b-al 11.159840    | w3<br>L<br>K<br>the  | .0300000<br>.1036358<br>.0460719              | SF<br>min<br>z<br>phi | .0373078<br>.0575639<br>.2005163<br>116.84713  | max .30  | 08048<br>41521<br>600000                 |
|----------------------|--|-------------------------|---|--|----------------------|---|-----------------------|--|----------|--|
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>3.799404<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0546256                           | w2 .1100000<br>PRC 1.0183716<br>• Sf 3.194465<br>b-al 13.050236  | w3<br>L<br>K         | .0400000<br>.2264061<br>.1609917<br>103.05026 | SF<br>min<br>z<br>phi | .0387611<br>.0654144<br>.0755965<br>116.84713  | max .30  | 76857<br>20026<br>00000                  |
| N<br>PRA<br>Si *     | 2.0000000°<br>1.0400000<br>2.849545<br>.1100000° | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0598524<br>2.692832<br>26.847105  | w2 .1100000<br>PRC 1.1192919<br>Sf 3.194465<br>b-al 13.050236    | w3<br>L<br>K<br>the  | .0400000<br>.1076737<br>.0422593<br>103.05026 | SF<br>min<br>z<br>phi | .0387611<br>.0654144<br>.1943289<br>116.84713  | max .30  | 69808<br>20026<br>00000<br>HRUST         |
| N<br>PRA<br>Si       | 2.000000<br>1.040000<br>3.561944<br>.1100000     | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.'0360893<br>3.101908<br>26.847105 | w2. ° .1100000<br>PRC 1.0171081<br>Sf 3.196780<br>b-al 14.955219 | w3<br>L°<br>K<br>the | .0500000<br>.2006283<br>.1277113<br>104.95524 | SF<br>min<br>z<br>phi | .0408421<br>.0729170<br>.0988769<br>•116.84713 | max .29  | 65792<br>95052<br>00000                  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0499475<br>2.849557               | wl<br>PRB<br>SAB<br>Sam | .1600000<br>1.0357074<br>2.745565<br>26.847105  | w2 .1100000 ° PRC 1°.1242008 Sf 3.196780 b-al 14.955219          | w3<br>L<br>K<br>the  | .0500000<br>.1115799<br>.0386629<br>104.95524 | SF<br>min<br>z<br>phi | .0408421<br>.0729170<br>.1879253<br>116.84713  | max .29  | 40160<br>95052<br>00000<br>HRUST         |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0400000<br>4.274329<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0153324<br>3.511497<br>26.847105  | w2 .1100000<br>PRC 1.0152667<br>Sf 3.199926<br>b-el 16.876944    | w3<br>L<br>K<br>the  | .0600000<br>.2934513<br>.2133821<br>106.87697 | SF<br>min<br>z<br>phi | .0434647<br>.0800692<br>.0032061<br>116.84713  | max .29  | 59595<br>66574<br>00000                  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>3.419470<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0174580<br>3.084068<br>26.847105  | w2 .1100000<br>PRC 1.0197637<br>Sf 3.199926<br>b-al 16.876944    | w3<br>L<br>K<br>the  | .0600000<br>.1865940<br>.1065248<br>106.87697 | SF<br>min<br>z<br>phi | .0434647<br>.0800692<br>.1100634<br>116.84713  | max .29  | 34426<br>66574<br>00000<br>HRUST         |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0595498<br>2.849555<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0138459<br>2.797827<br>26.847105  | w2 .1100000<br>PRC 1.1280990<br>Sf 3.199926<br>b-al 16.876944    | w3<br>L<br>K<br>the  | .0600000<br>.1153546<br>.0352854<br>106.87697 | SF<br>min<br>z<br>phi | .0434647<br>.0800692<br>.1813028<br>116.84713  | max .29  | 17 <b>627</b><br>66574<br>00000<br>HRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>3.989381<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9999641<br>.3.422951<br>26:847105  | w2 .1100000<br>PRC 1.0125740<br>Sf 3.204103<br>b-al 18.818803    | w3<br>L<br>K<br>the  | .0700000<br>.2614746<br>.1746282<br>108.81882 | SF<br>min<br>z<br>phi | .0468102<br>.0868464<br>.0319600<br>116.84713  | max .29  | 09563<br>34346 .<br>00000                |
| N<br>PRA<br>'Si<br>n | 2.000000<br>1.060000<br>3.324479<br>.1100000     | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9998913<br>3.090500<br>26.847105   | w2 .1100000<br>PRC 1.0368715<br>Sf 3.204103<br>b-al 18.818803    | w3<br>L<br>K<br>the  | .0700000<br>.1783619<br>.0915155<br>108.81882 | SF<br>min<br>z<br>phi | .0468102<br>.0868464<br>.1150727<br>116.84713  | max .293 | 17644<br>34346<br>00000<br>IRUST         |
| N<br>PRA<br>Si       | 2.0000000<br>1.0686434<br>2.849549<br>.1100000   | PRB<br>SAB<br>gam       | .1600000<br>.9947151<br>2.849169<br>26.847105   | w2 .1100000 • PRC _1.1305496 Sf. 3.204103 b-al 18.818803         | w3<br>L<br>K<br>the  | .0700000<br>.1189957<br>.0321493<br>108.81882 | SF<br>min<br>z<br>phi | .0468102<br>.0868464<br>.1744389<br>116.84713  | max .293 | 03410<br>84346<br>00000<br>IRUST         |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0600000<br>3.799407<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000°<br>.9858092<br>.3.382406<br>26.847105 | •w2 .1100000<br>PRC 1.0085413<br>Sf 3.209601<br>•b-al 20.783323  | w3<br>L<br>K<br>the  | .0800000<br>.2412415<br>.1479971<br>110.78334 | SF<br>min<br>z<br>phi | .0509701<br>.0932444<br>.0485911<br>116.84713  | max .289 | 16706<br>18326<br>10000                  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0700000<br>3.256637<br>.1100000   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9842756<br>3.111021<br>26.847105   | w2 .1100000<br>PRC 1.0481692<br>Sf 3.209601<br>b-al 20.783323    | w3<br>L<br>K<br>the  | .0800000<br>.1733952<br>.0801508<br>110.78334 | SF<br>min<br>z<br>phi | .0509701<br>.0932444<br>.1164374<br>116.84713  | max .289 | 00187<br>08326<br>00000<br>RUST          |

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|                       |   |                          |  |                         | •  |                     |   |                       |   |                   |   |
|-----------------------|---|--------------------------|--|-------------------------|--|---------------------|---|-----------------------|---|-------------------|---|
| N                     | 2.0000000                                       | wl                       | .1600000                                       | w2                      | .1100000                                       | w3                  | .0800000  | SF                    | •0509701                                      | LFr               | .6597776                                      |
| PRA                   | 1.0771991                                       | PRB                      | .9788650                                       | PRC                     | 1.1308526                                      | L                   | .1225090  | min                   | •0932444                                      | max               | .2898326                                      |
| Si                    | 2.849547  | SAB                      | 2.899494                                       | Sf                      | 3.209601                                       | K                   | .0292646  | z                     | •1673236                                      | m                 | .0800000                                      |
| n                     | .1100000  | gam                      | 26.847105                                      | b=al                    | 20.783323 •                                    | the                 | 110.78334                                       | phi                   | 116•84713                                     | 2-LEV             | /EL THRUST                                    |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0700000<br>3.663704<br>.1100000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9744715<br>3.369505<br>26.847105  | Sf                      | .1100000<br>1.0021749<br>3.216798<br>22.773790 | w3<br>L<br>K<br>the | .0900000<br>.2276650<br>.1284173<br>112.77381   | SF<br>min<br>z<br>phi | .0560036<br>.0992477<br>.0581709<br>116.84713 | LFr<br>max<br>m ° | •7737236<br>•2858359<br>•0900000              |
| N                     | 2.0000000                                       | wl                       | .1600000                                       | Sf                      | .1100000 .                                     | w3                  | .0900000  | SF                    | .0560036                                      | IFr               | .7154141 °                                    |
| PRA                   | 1.0799039                                       | PRB                      | .9720500                                       |                         | 1.0538429                                      | L                   | .1704197  | min                   | .0992477                                      | max <sub>s</sub>  | .2858359                                      |
| Si                    | 3.205742  | SAB                      | 3.140215                                       |                         | 3.216798 .                                     | K                   | .0711720  | ž                     | .1154162                                      | m                 | .0900000 °                                    |
| n                     | .1100000  | gam                      | 26.847105                                      |                         | 22.773790                                      | the                 | 112.77381                                       | phi                   | 116.84713                                     | -2=LEV            | EL THRUST                                     |
| N                     | 2.0000000                                       | wl                       | .1600000                                       | Sf                      | .1100000                                       | w3                  | .0900000  | SF                    | .0560036                                      | IFr               | *.6700630                                     |
| PRA                   | 1.0852462                                       | PRB                      | .9673822                                       |                         | 1.1276336                                      | L                   | .1258965  | min                   | .0992477                                      | max               | .2858359                                      |
| Si                    | 2.849556  | SAB                      | 2.948884                                       |                         | 3.216798                                       | K                   | .0266488  | z                     | .1599394                                      | m                 | .0900000                                      |
| n                     | .1100000  | gam                      | 26.847105                                      |                         | 22.773790                                      | the                 | 112.77381                                       | phi                   | 116.84713                                     | 2-LEV             | EL THRUST                                     |
| N                     | 2.0000000                                       | wl                       | .1600000                                       | w2                      | .1200000                                       | w3                  | .0200000  | SF                    | .0448341                                      | LFr               | .6225996                                      |
| PRA                   | 1.0200000                                       | PRB                      | 1.1297024                                      | PRC                     | 1.1027148                                      | L                   | .1027641  | min                   | .0546685                                      | max               | .3059628                                      |
| Si                    | 2.849551  | SAB                      | 2.575485                                       | Sf                      | 3.208384                                       | K                   | .0480957  | z                     | .2031987                                      | m                 | .0200000                                      |
| n                     | .1200000  | gam                      | 28.938463                                      | b-al                    | 9.281672                                       | the                 | 99.281695                                       | phi                   | .118.93848                                    | 2-LEV             | EL THRUST                                     |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>.1.0200000<br>4.274337<br>.1200000 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0841086<br>3.339672<br>28.938463 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>.9992796<br>3.209532<br>11.159840  | w3<br>L<br>K<br>the | .0300000<br>.2850380<br>.2221803<br>101.15986   | SF<br>min<br>z<br>phi | .0459194<br>.0628578<br>.0191141<br>118.93848 | LFr<br>max<br>m   | .7641392<br>.3041521<br>.0300000              |
| N                     | 2.0000000                                       | wl                       | .1600000                                       | Sf                      | .1200000                                       | w3                  | .0300000  | SF. •                 | .0459194                                      | LFr               | .6280813                                      |
| PRA                   | 1.0300000                                       | PRB                      | 1.1013074                                      |                         | 1.1092445                                      | L                   | .1069393  | min                   | .0628578                                      | max               | .3041521                                      |
| Si                    | 2.849547  | SAB                      | 2.627277                                       |                         | 3.209532                                       | K                   | .0440816  | z                     | .1972128                                      | m                 | .0300000                                      |
| n                     | .1200000  | gam                      | 28.938463                                      |                         | 11.159840                                      | the                 | 101.15986                                       | phi                   | 118.93848                                     | 2-LEV             | EL THRUST                                     |
| N .<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799411<br>.1200000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0687263<br>3.154547<br>28.938463 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>.9987133<br>3.211197<br>13.050236  | w3<br>L<br>K<br>the | .0400000 -<br>.2297115<br>.1590033<br>103.05026 | SF<br>min<br>z<br>phi | .0473728<br>.0707083<br>.0722910<br>118.93848 | LFr<br>max<br>m   | •7309847<br>•3020026<br>•0400000              |
| N                     | 2.0000000                                       | wl                       | .1600000                                       | Sf                      | .1200000                                       | w3                  | .0400000 .                                      | SF                    | .0473728                                      | IFr               | .6342325                                      |
| PRA                   | 1.0400000                                       | PRB                      | 1.0744432                                      |                         | 1.1153488                                      | L                   | .1109791  | min                   | .0707083                                      | max               | .3020026                                      |
| Si                    | 2.849551  | SAB                      | 2.679617                                       |                         | 3.211197                                       | K                   | .0402709  | z                     | .1910235                                      | m                 | .0400000                                      |
| n                     | .1200000  | gam                      | 28.938463                                      |                         | 13.050236                                      | the                 | 103.05026                                       | phi                   | 118.93848                                     | 2-LEV             | EL THRUST                                     |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0400000<br>3.561935<br>.1200000  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0500265<br>3.088686<br>28.938463 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>.9978867<br>3.213512<br>14.955219  | w3<br>L<br>K<br>the | .0500000<br>.2039318<br>.1257210<br>104.95524   | SF<br>min<br>z<br>phi | .0494537<br>.0782108<br>.0955733<br>118.93848 | IFr<br>max<br>m   | .7183495<br>.2995052<br>.0500000              |
| N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0499138<br>2.849548<br>.1200000  | wl<br>PRB<br>SAB.<br>gam | .1600000<br>1.0492949<br>2.732246<br>28.938463 | Sf                      | .1200000<br>1.1208890<br>3.213512<br>14.955219 | w3<br>L<br>K<br>the | .0500000<br>.1148834<br>.0366726<br>104.95524   | SF<br>min<br>z<br>phi | .0494537<br>.0782108<br>.1846217<br>118.93848 | LFr<br>max<br>m   | .6412516<br>.2995052<br>.0500000<br>EL THRUST |
| N                     | 2.0000000                                       | wl                       | .1600000                                       | Sf                      | .1 <sup>2</sup> 200000                         | w3                  | .0600000  | SF                    | .0520764                                      | LFr               | .7143021                                      |
| PRA                   | 1.050000  | PRB                      | 1.0307709                                      |                         | 1.0162135                                      | L                   | .1898975  | min                   | .0853631                                      | max               | .2966574                                      |
| Si°                   | 3.419462  | SAB                      | 3.070845                                       |                         | 3.216659                                       | K                   | .1045345  | z                     | .1067598                                      | m                 | .0600000                                      |
| n                     | .1200000  | gam                      | 28.938463                                      |                         | 16.876944。                                     | the                 | 106.87697                                       | phi                   | 118.93848                                     | 2-LEV             | IL THRUST                                     |
| N                     | 2.0000000                                       | wl                       | .1600000                                       | Sf                      | .1200000                                       | w3                  | .0600000  | SF                    | .0520764                                      | LFr               | .6489945                                      |
| PRA                   | 1.0594285                                       | PRB                      | 1.0263133                                      |                         | 1.1256816                                      | L                   | .1186581  | min                   | .0853631                                      | max               | .2966574                                      |
| Si                    | 2.849546  | SAB                      | 2.784258                                       |                         | 3.216659                                       | K                   | .0332950  | z                     | .1779993                                      | m                 | .0600000                                      |
| n                     | .1200000  | gam                      | 28.938463                                      |                         | 16.876944                                      | the                 | 106.87697                                       | phi                   | 118.93848                                     | 2-LEVI            | IL THRUST                                     |

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| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0500000<br>3.989372<br>.1200000   | wl .1600000<br>PRB 1.0110970<br>SAB 3.409729<br>gam 28.938463  | w2 .1200000<br>PRC .9950019<br>Sf 3.220836<br>b-al 18.818803       | w3<br>L<br>K<br>the           | .07,00000<br>.2647782<br>.1726379<br>108.81882          | SF<br>min<br>z<br>phi   | .0554218<br>.0921403<br>.0286564<br>118.93848    | max .293  | 54531<br>54346<br>00000          |
|----------------------------------|--|--|--|-------------------------------|---|-------------------------|--|---|----------------------------------|
| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0600000<br>3.324470<br>.1200000   | wl .1600000<br>PRB 1.0120194<br>SAB 3.077278<br>gam 28.938463  | w2 .1200000<br>PRC 1.0342204<br>Sf 3.220836<br>b-al 18.818803      | w3<br>L<br>K<br>the           | .0700000<br>.1816654<br>.0895252<br>108.81882           | SF<br>min<br>z<br>phi   | .0554218<br>.0921403<br>.1117691<br>118.93848    | max .29   | 50278<br>54346<br>50000<br>IRUST |
| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0684052<br>2.849556<br>.1200000 * | wl .1600000<br>PRB 1.0058008<br>SAB 2.835276<br>gam 28.938463  | w2 .1200000<br>PRC 1.1294352<br>Sf 3.220836<br>b-al 18.818803      | w3<br>L<br>K<br>the           | .0700000<br>.1223011.<br>.0301609<br>108.81882          | SF<br>min<br>z<br>phi   | .0554218<br>.0921403<br>.1711335<br>118.93848    | max .293  | 75832<br>54346<br>00000<br>IRUST |
| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0600000<br>3.799399<br>.1200000   | wl .1600000<br>PRB .9956763<br>SAB 3.369183<br>gam 28.938463   | w2 .1200000<br>PRC .9925381<br>Sf 3.226333<br>b-al 20.783323       | w3°<br>L<br>∴ K<br>₃the       | .0800000<br>.2445450<br>.1460068<br>110.78334           | SF<br>min<br>z<br>phi   | .0595818<br>.0985383<br>.0452876<br>118.93848    | max 289   | 79801<br>98326<br>90000          |
| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0700012<br>3.256628<br>.1200000   | wl .1600000<br>PRB .9945713<br>SAB 3.097801<br>gam 28.938463   | w2 .1200000<br>PRC 1.0471761<br>Sf 3.226333<br>b-al 20.783323      | w3<br>L<br>K<br><b>t</b> he   | .0800000<br>.1766987<br>.0781605<br>110.78334           | SF min<br>z<br>phi      | .0595818<br>.0985383<br>.1131339<br>118.93848    | max .289  | 8721<br>8326<br>0000<br>RUST     |
| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0768272<br>2.849554<br>.1200000   | wl .1600000<br>PRB .9880546<br>SAB 2.885220<br>gam 28.938463   | w2 .1200000<br>PRC 1.1317471<br>Sf 3.226333<br>b-al 20.783323      | w3<br>L<br>K *<br><b>t</b> he | .0800000<br>.1258144<br>.0272762<br>110.78334           | SF<br>min<br>z<br>phi   | .0595818<br>.0985383<br>.1640181<br>118.93848    | max .289  | 0418<br>08326<br>0000<br>RUST    |
| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0700000<br>3.663711<br>.1200000   | wl .1600000<br>PRB .9819419<br>SAB 3.356289<br>gam 28.938463   | w2 .1200000<br>PRC .9888576<br>Sf 3.233531<br>b-al 22.773790       | w3<br>L<br>K<br>the           | .0900000<br>.2309704<br>.1264288<br>112.77381           | SF<br>min<br>z<br>phi   | .0646153<br>.1045416<br>.0548655<br>118.93848    | max .285  | 2053<br>8359<br>0000             |
| N<br>PRA<br>Si<br>n              | 2.0000000<br>1.0798692<br>3.205749<br>.1200000   | wl .1600000<br>PRB .9794401<br>SAB 3.126889<br>gam 28.938463   | w2 .1200000<br>PRC 1.0558122<br>Sf 3.233531<br>b-al 22.773790      | w3<br>L<br>K<br>the           | .0900000<br>.1737251<br>.0691836<br>112.77381           | SF<br>min<br>z<br>phi   | .0646153<br>.1045416<br>.1121107<br>118.93848    | max .285  | 9804<br>8359<br>0000<br>RUST     |
| N<br>°PRA<br>Si<br>n             | 2.0000000<br>1.0847302<br>2.849548<br>.1200000   | wl .1600000<br>PRB .9735875<br>SAB 2.934190<br>gam 28.938463   | w2 .1200000<br>PRC 1.1319147<br>Sf 3.233531<br>b-al 22.773790      | w3<br>L<br>K<br>the           | .0900000<br>.1292000<br>.0246584<br>112.77381           | SF<br>min<br>z<br>phi   | .0646153<br>.1045416<br>.1566359<br>118.93848    | IFr .677<br>max .285<br>m .090<br>2-LEVEL TH    | 0000                             |
| N<br>PRA<br>Si<br>n <sub>。</sub> | 2.0000000<br>1.0800000<br>3.561945<br>.1200000   | wl .1600000<br>PRB .9713132<br>9AB 3.360861<br>gam 28.938463   | w2 .1200000<br>PRC .9934185<br>Sf 3.242964<br>b-al 24.793730       | w3<br>L<br>K<br>the           | .1000000<br>.2215099<br>.1113768<br>114.79375           | SF<br>min<br>z<br>phi   | .0706978<br>.1101331<br>.0599175<br>118.93848    | LFr .788<br>max .281<br>m .100<br>2-LEVEL TH    | 0000                             |
| N<br>PRA°<br>Si<br>p             | 2.0000000<br>1.0892846<br>3.166163<br>.1200000   | wl1600000<br>PRB .9682451<br>SAB3.160704<br>gam 28.938463°     | • w2 .1200000<br>PRC• 1.0596758<br>• Sf 3.242964<br>b-al 24.793730 | w3<br>L<br>K .<br>the         | .1000000°<br>.1720371<br>.0619040<br>114.79375          | SF<br>min<br>z<br>phi   | .0706978<br>.1101331<br>.1093903<br>118.93848    | IFr .732<br>max .281<br>m .1000<br>2-LEVEL TH   | 4274<br>0000                     |
| PRA<br>Si<br>n                   | 2.0000000<br>1.0921779<br>2.849558 *<br>.1200000 | wl .1600000<br>PRB .9634953<br>SAB 2.982378<br>gam 28.938463   | *w2 .1200000<br>PRC 1.1285734<br>Sf 3.242964 +<br>b-al 24.793730   | w3<br>L<br>K<br>the           | · .1000000 · .<br>.1324616 · .<br>.0223285<br>114.79375 | SF<br>min<br>z<br>phi   | .0706978<br>.1101331<br>.1489659<br>118.93848    | IFr 6886<br>max 2811<br>m 1000<br>2-LEVEL THE   | +274 -*<br>0000                  |
| N<br>PRA<br>Si<br>n *            | 2.0000000<br>1.0200000<br>2.849552<br>.1300000   | wl .1600000<br>PRB *1.1459700<br>SAB 2.560838<br>gam 31.072922 | *W2 .1300000<br>PRC 1.1011619<br>Sf 3.231518<br>b-al 9.281672      | w3<br>L<br>K<br>the           | .0200000 1<br>.1064263<br>.0459824<br>99.281695         | SF<br>min .<br>z<br>phi | •.0549774<br>•.0604439<br>•.1995366<br>121•07294 | LFr .6303<br>max .3055<br>m .0200<br>2-LEVEL TH | 9 <b>62</b> 8<br>0000            |

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| PRA   1.0200000   PRB   1.0979187   PRC   9684462   1   2887001   mtn   0.0685531   max   vol.   1.500000   mtn   0.5865531   max   vol.   1.500000   mtn   0.5865531   max   vol.   1.500000   mtn   0.5865531   max   vol.   1.500000   mtn   1.   |           |                       |            |                         |                 |                                   |                           |   |           | •                    |           |  |
|--|-----------|-----------------------|------------|-------------------------|-----------------|-----------------------------------|---------------------------|---|-----------|----------------------|-----------|--|
| PRA 1.0300000   PRB 1.1167130   PRC 1.1080041   1.116014   min .6866531   max .704   max .704   max .705   max .704   max .705   m   | PRA<br>Si | 1.0200000<br>4.274338 | PRB<br>SAB | 1.0979427<br>3.325024   | PRC<br>Sf       | .9824482<br>3.232666              | L<br>K                    | .2887001<br>.2200670                      | min<br>z  | .0686331<br>.0154520 | max       | .7809382<br>.3041521<br>.0300000               |
| PRA 1.0500000   PRB 1.0631101   PRC 9820973   1 2233717   mtn 0764836   max 302   m 1500000   m 1500000   m 1600000   m 16000000   m 16000000   m 1600000   m 16000000   m 1600000   m 16000000   m 1600000000000   m 1600000000000000000000000000000000000  | PRA<br>Si | 1.0300000<br>2.849549 | PRB<br>SAB | 1.1167130<br>2.612630   | PRC<br>Sf       | 1.1080041<br>3.232666             | L<br>K                    | .1106014<br>.0419683                      | min<br>z  | .0686331<br>.1935506 | max<br>m  | .6358099<br>.3041521<br>.0300000<br>VEL THRUST |
| Fig.   1.040010   PRB   1.089934   PRC   1.115163   L   1.1145162   min   .0764836   max   .902  | PRA<br>Si | 1.0300000<br>3.799397 | PRB<br>SAB | 1.0831101<br>3.139892   | PRC<br>Sf       | •9820953<br>3•234331              | K K                       | .233371 <b>7</b><br>.1568881 <sub>°</sub> | min<br>z  | .0764836<br>.0686308 | max       | .7447519<br>* .3020026<br>.0400000             |
| PRA   1.0400000   PRE   1.0643313   PRC   .989259   1   .2075939   mtn   .0839862   max   .299   max   .290   | PRA<br>Si | 1.0400010<br>2.849553 | PRB<br>SAB | 1.0889434 °<br>2.664973 | PRC<br>Sf °     | 1.1145163<br>3.234331             | L<br>K                    | .1146412<br>.0381576                      | min<br>z  | .0764836<br>.1873614 | max<br>m  | .6419544<br>.3020026<br>.0400000<br>/EL THRUST |
| PRA 1.0496646 PRE 1.0528768 PRC 1.1205968 L 1.185455 min .0839862 max .299   S1 2.649549 SAB 2.717459 Sf 3.236546 K .0345595 z 1.805596 m .050   n .1300000 gam 31.072922 b-al 14.955219 the 104.95524 phi 121.07294   2.1809596 m .050   PRA 1.0500000 PRB 1.0444894 PRC 1.0149247 L .1935597 min .0911384 max .296   S1 3.419463 SAB 3.056198 Sf 3.239793 K .1024212 z .1030977 m .060   S1 3.419463 SAB 3.056198 Sf 3.239793 K .1024212 z .1030977 m .060   PRA 1.0500000 vl .1600000 v2 .1300000 w3 .0600000 SF .062196 LFT .656   PRA 1.0592762 PRB 1.0389257 PRC 1.126131 L .1223202 min .0911384 max .296   PRA 1.0592762 PRB 1.0389257 PRC 1.126131 L .1223202 min .0911384 max .296   S1 2.49547 SAB 2.769477 Sf 3.239793 K .0311818 z .1743372 m .060   PRA 1.050000 gam 31.072922 b-al 16.876944 the 106.87697 phi 121.07294 2-LEVEL TH   N 2.0000000 vl .1600000 w2 .1300000 w3 .0700000 SF .0655651 LFT .810   PRA 1.0500000 PRB 1.0229010 PRC .9798340 L .2684403 min .0979156 max .293   S1 3.989373 SAB 3.395081 Sf 3.243970 K .1705246 z .0249943 m .070   PRA 1.0500000 PRB 1.0229010 PRC .1300000 w3 .0700000 SF .0655651 LFT .255   S1 3.524472 SAB 3.062631 Sf 3.243970 K .0874119 z .1081070 m .070   PRA 1.0500000 v1 .1600000 w2 .1300000 w3 .0700000 SF .0655651 LFT .725   S1 3.524472 SAB 3.062631 Sf 3.243970 K .0874119 z .1081070 m .070   PRA 1.0500000 PRB 1.0029016 PRC .1300000 w3 .0700000 SF .0655651 LFT .725   S1 3.524472 SAB 3.062631 Sf 3.243970 K .0874119 z .1081070 m .070   PRA 1.0500000 PRB 1.0027946 PRC 1.3306801 L .1259632 min .0979156 max .293   S1 3.524472 SAB 3.062631 Sf 3.243970 K .0860476 z .1674714 m .070   PRA 1.0500000 PRB 1.0036532 PRC .9783777 L .2482071 min .1043136 max .293   S1 3.799400 SAB 3.554536 Sf 3.249467 K .1458935 z .1674714 m .070   PRA 1.0500000 PRB 1.006532 PRC .9783777 L .2482071 min .1043136 max .293   N 2.0000000 v1 .1600000 V2 .1300000 V3 .0800000 SF .0657650 IFT .8060   PRA 1.0500000 PRB 1.0056807 PRC .17800000 M3 .0800000 SF .0697250 IFT .7060000 PRA 1.0000000 PRB 1.005680 PRC .17800000 M3 .0800000 SF .0697250 I | PRA<br>Si | 1.0400000<br>3.561936 | PRB<br>SAB | 1.0643313<br>•3.074039  | PRC<br>Sf       | •9892569<br>3•236646              | L<br>K                    | .2075939<br>.1236077                      | min<br>z  | .0839862<br>.0919112 | max<br>m  | .7306099<br>.2995052<br>.0500000<br>/EL THRUST |
| PRA 1.0500000 PRB 1.04446944 PRC 1.0149247 L 1.935597 min .9911384 max .296   S1   | PRA<br>Si | 1.0498646<br>2.849549 | PRB<br>SAB | 1.0628768<br>2.717459   | PRC<br>Sf       | 1.1205968<br>3.236646             | L<br>K                    | .1185455<br>.0345593                      | min<br>z  | .0839862<br>.1809596 | max<br>m  | .6489754<br>.2995052<br>.0500000<br>/EL THRUST |
| PRA 1.0592762 PRB 1.0389257 PRC 1.1261131 L 1.223202 min .0911384 max .296   S1 2.849547 SAB 2.769177 Sf 3.239793 K .0311818 z 1.743372 m .060   n .1300000 gam 31.072922 b-al 16.876944 the 106.87697 phi 121.07294 2-LEVEL TH   N 2.0000000 W1 .1600000 W2 .1300000 W3 .0700000 SF .0655651 LFT .810   PRA 1.0500000 PRB 1.0229010 PRC .9798340 L .2684403 min .0979156 max .293   S1 3.989373 SAB 3.395081 Sf 3.243970 K .1705246 z .0249943 m .070   n .1300000 gam 31.072922 b-al 18.818803 the 108.81882 phi 121.07294   N 2.0000000 W1 .1600000 W2 .1300000 W3 .0700000 SF .0655651 LFT .7256   PRA 1.0600000 PRB 1.0247095 PRC 1.0336688 L .1853275 min .0979156 max .293   S1 3.324472 SAB 3.062631 Sf 3.243970 K .0874119 z .1081070 m .0700   n .1300000 gam 31.072922 b-al 18.818803 the 108.81882 phi 121.07294 2-LEVEL TH   N 2.0000000 w1 .1600000 W2 .1300000 W3 .0700000 SF .0655651 LFT .6655   PRA 1.0681209 PRB 1.0172946 PRC 1.3208601 L .1259632 min .0979156 max .293   S1 2.849557 SAB 2.819819 Sf 3.243970 K .080000 SF .0655651 LFT .6655   PRA 1.0681209 PRB 1.0172946 PRC 1.3208601 L .1259632 min .0979156 max .293   S1 2.849557 SAB 2.819819 Sf 3.243970 K .0280476 z .1674714 m .0700   n .1300000 gam 31.072922 b-al 18.818803 the 108.81882 phi 121.07294 2-LEVEL TH   N 2.0000000 W1 .1600000 W2 .1300000 W3 .0800000 SF .0697250 LFT .8016   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896   PRA 1.0600000 PRB 1.0056407 PRC 1.0478235 L .1803608 min .1043136 max .2896   PRA 1.0700003 PRB 1.005 | PRA<br>Si | 1.0500000<br>3.419463 | PRB<br>SAB | 1.0444844 •<br>3.056198 | PRC<br>Sf       | 1.0149247<br>3.239793             | L<br>K                    | .1935597<br>.1024212                      | min<br>z  | .0911384<br>.1030977 | ma.x<br>m | .7256699<br>.2966574<br>.0600000<br>VEL THRUST |
| PRA 1.0500000 PRB 1.0229010 PRC .9798340 L .2684403 min .0979156 max .2936   | PRA<br>Si | 1.0592762<br>2.849547 | PRB<br>SAB | 1.0389257<br>2.769177   | PRC<br>Sf       | 1.1261131<br>3.239793             | L<br>K                    | .1223202<br>.0311818                      | min<br>z  | .0911384<br>.1743372 | max<br>m  | .6567335<br>.2966574<br>.0600000<br>MEL THRUST |
| N 2.0000000 wl .1600000 w2 .1300000 w3 .0700000 SF .0655651 LFr .7256 PRA 1.0600000 PRB 1.0247095 PRC 1.0336688 L .1853275 min .0979156 max .2934 Si .3.324472 SAB 3.062631 Sf 3.243970 K .0874119 z .1081070 m .0700 m .1300000 gam 31.072922 b-al 18.818803 the 108.81882 phi .121.07294 .2-LEVEL THE N 2.0000000 wl .1600000 w2 .1300000 w3 .0700000 SF .0655651 LFr .6655 PRA 1.0681209 PRB 1.0172946 PRC 1.4308601 L .1259632 min .0979156 max .2934 Si 2.849557 SAB 2.819819 Sf 3.243970 K .0280476 z .1674714 m .0700 n .1300000 gam 31.072922 b-al 18.818803 the 108.81882 phi 121.07294 2-LEVEL THE N 2.0000000 wl .1600000 w2 .1300000 w3 .0800000 SF .0697250 LFr .8016 PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2896 n .1300000 gam 31.072922 b-al 20.783323 the 10.78334 phi 121.07294 N 2.0000000 wl .1600000 w2 .1300000 w3 .0800000 SF .0697250 LFr .8016 PRA 1.0600000 PRB 1.006532 PRC .9783777 L .2482071 min .1043136 max .2896 n .1300000 gam 31.072922 b-al 20.783323 the 10.78334 phi 121.07294 N 2.0000000 PRB 1.006532 PRC .9783723 the 110.78334 phi 121.07294 N .20000000 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2896 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 PRA 1.043136 PRA 1.0700000 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 PRC 1.04782 | PRA<br>Si | 1.0500000<br>3.989373 | PRB<br>SAB | 1.0229010<br>3.395081   | PRC<br>Sf       | .9798340<br>3.243970              | L *<br>K                  | .2684403<br>.1705246                      | min<br>°z | .0979156<br>.0249943 | max •     | .8104763<br>.2934346<br>.0700000               |
| N 2.0000000 wl .1600000 w2 .1300000 w3 .0700000 SF .0655651 IFr .6655 PRA 1.0681209 PRB 1.0172946 PRC 1.1308601 L .1259632 min .0979156 max .2934 Si 2.849557 SAB 2.819819 Sf 3.243970 K .0280476 z .1674714 m .0700 n .1300000 gam 31.072922 b-al 18.818803 the 108.81882 phi 121.07294 2-IEVEL THE  N 2.0000000 wl .1600000 w2 .1300000 w3 .0800000 SF .0697250 IFr .8018 PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2898 Si 3.799400 SAB 3.354536 Sf 3.249467 K .1438935 z .0416255 m .0800 n .1300000 gam 31.072922 b-al 20.783323 the 110.78334 phi 121.07294  N 2.0000000 wl .1600000 w2 .1300000 w3 .0800000 SF .0697250 IFr .7292 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2898   | PRA Si    | 1.0600000<br>3.324472 | PRB<br>SAB | 1.0247095<br>3.062631   | w2<br>PRC<br>Sf | 1.0336688<br>3.243970             | K                         | .185 <i>32</i> 75<br>.0874119             | min<br>z  | .0979156<br>.1081070 | max<br>m  | .7258186<br>.2934346<br>.0700000<br>TEL THRUST |
| PRA 1.0600000 PRB 1.0066532 PRC .9783777 L .2482071 min .1043136 max .2898 Si 3.799400 SAB 3.354536 Sf 3.249467 K .1438935 z .0416255 m .0800 n .1300000 gam 31.072922 b-al 20.783323 the li0.78334 phi 121.07294  N 2.0000000 W1 .1600000 W2 .1300000 W3 .0800000 SF .0697250 IFr .7292 PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 L .1803608 min .1043136 max .2898   | PRA<br>Si | 1.0681209<br>2.849557 | PRB<br>SAB | 1.0172946<br>2.819819   | w2<br>PRC<br>Sf | .1300000<br>1.1308601<br>3.243970 | Ľ<br>K                    | .1259632<br>.0280476°                     | min<br>z  | .0979156<br>.1674714 | max<br>m  | .6653509<br>.2934346<br>.0700000<br>EL THRUST  |
| N 2.0000000 w1 .1600000 w2 .1300000 w3 .0800000 SF .0697250 IFr .7292<br>PRA 1.0700003 PRB 1.0058407 PRC 1.0478235 °L .1803608 min .1043136 max .2898  | PRA<br>Si | 1.0600000<br>3.799400 | PRB<br>SAB | 1.0066532<br>3°.354536  | PRC<br>Sf       | •9783777<br>3•249467              | L<br>K<br>the®            | .2482071<br>.1438935                      | min<br>z  | .1043136<br>.0416255 | max       | .8018322<br>.2898326<br>.0800000               |
| n .1300000 gem 31.072922 b-al 20.783323 the 110.78334 phi 121.07294 2-LEVEL THE  | PRA<br>Si | 1.0700003<br>3.256629 | PRB<br>SAB | 1.0058407<br>3.083151   | PRC<br>Sf       | 1°0478235<br>3.249467®            | w3<br><sup>®</sup> L<br>K | .1803608<br>.0760472 °                    | min<br>z  | .1043136<br>.1094718 | max<br>m  | .7292690<br>.2898326<br>.0800000<br>EL THRUST  |

| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .0800000                                      | SF                     | .0697250                                      | IFr .6748476 max .2898326 m .0800000 2-LEVEL THRUST |
|---------------------|--|-------------------------|--|--|---------------------|---|------------------------|---|---|
| PRA                 | 1.0763929                                      | PRB                     | .9961450                                       | PRC 1.1345855  | L                   | .1294766                                      | min                    | .1043136                                      |   |
| Si                  | 2.849555                                       | SAB                     | 2.869335                                       | Sf 3.249467  | K                   | .0251629                                      | z                      | .1603560                                      |   |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 20.783323   | the                 | 110.78334                                     | phi                    | 121.07294                                     |   |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .0900000                                      | SF                     | .0747576                                      | LFr .7992468  |
| PRA                 | °1.0700000                                     | PRB                     | .9914514                                       | PRC .9829731   | L                   | .2346325                                      | min                    | .1103169                                      | max .2858359  |
| Si                  | 3.663712                                       | SAB                     | 3.341642                                       | Sf 3.256664  | K                   | .1243156                                      | z                      | .0512034                                      | m .0900000  |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 22.773790   | the                 | 112.77381                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 1300000   | w3                  | .0900000                                      | SF                     | .0747576                                      | IFr .7351065  |
| PRA                 | 1.0798242                                      | PRB                     | .9887582                                       | PRC 1.0583510  | L                   | .1773872                                      | min                    | .1103169                                      | max .2858359  |
| Si                  | 3.205750                                       | SAB                     | 3.112097                                       | Sf 3.256664  | • K                 | .0670703                                      | z                      | .1084486                                      | m .0900000  |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 22.773790   | the                 | 112.77381                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .0900000                                      | SF                     | .0747576                                      | IFr .6852179  |
| PRA                 | 1.0841352                                      | PRB                     | .9817345                                       | PRC 1.1368845  | L                   | .1328621                                      | min                    | .1103169                                      | max .2858359  |
| Si                  | 2.849549                                       | SAB                     | 2.917848                                       | Sf 3.256664  | K                   | .0225452                                      | z                      | .1529738                                      | m .0900000  |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 22.773790   | the                 | 112.77381                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .1000000                                      | SF                     | .0808411                                      | IFr .8008757  |
| PRA                 | 1.0800000                                      | PRB                     | .9781671                                       | PRC .9978434   | L                   | .2251721                                      | min                    | .1159085                                      | max .2814274  |
| Si                  | 3.561946                                       | SAB                     | 3.346214                                       | Sf 3.266098  | K                   | .1092636                                      | z                      | .0562554                                      | m .1000000  |
| n                   | .1300000                                       | gem                     | 31.072922                                      | b-al 24.793730   | the                 | 114.79375                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .1000000                                      | SF                     | .0808411                                      | IFr .7429237  |
| PRA                 | 1.0891546                                      | PRB                     | .9745546 .                                     | PRC 1.0654014  | L                   | .1756992                                      | min                    | .1159085                                      | max .2814274  |
| Si                  | 3.166164                                       | SAB                     | 3.145645                                       | Sf 3.266098  | K                   | .0597908                                      | z                      | .1057282                                      | m .1000000  |
| n                   | 1300000  | gam                     | 31.072922                                      | b-al 24.793730   | the                 | 114.79375                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .1000000                                      | SF                     | .0808411                                      | LFr .6965637  |
| PRA                 | 1.0914161                                      | PRB                     | .9685772                                       | PRC 1.1370760  | L                   | .1361218                                      | min                    | .1159085                                      | max .2814274  |
| Si                  | 2.849544                                       | SAB                     | 2.965551                                       | Sf 3.266098  | K                   | .0202133                                      | • z                    | .1453057                                      | m .1000000  |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 24.793730   | the                 | 114.79375                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0800000<br>3.918135<br>.1300000 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9702709<br>3.580263<br>31.072922  | w2 .1300000<br>PRC .9680454<br>Sf 3.278555<br>b-al 26.847105 | w3<br>L<br>K<br>the | .1100000<br>.2728310<br>.1517617<br>116.84713 | SF<br>min<br>.z<br>phi | .0881109<br>.1210693<br>.0037572<br>121.07294 | IFr .8722019<br>max .2765882<br>m .1100000          |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .1100000                                      | SF                     | .0881109                                      | IFr .8056860  |
| PRA                 | 1.0899814                                      | PRB                     | .9680914                                       | PRC 1.0071654  | L                   | .2184124                                      | min                    | .1210693                                      | max .2765832  |
| Si                  | 3.482787                                       | SAB                     | 3.362523                                       | Sf 3.278555  | K                   | .0973432                                      | z                      | .0581758                                      | m .1100000  |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 26.847105   | the                 | 116.84713                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | .1100000                                      | SF                     | .0881109                                      | LFr .7524719  |
| PRA                 | 1.0979216                                      | PRB                     | .9645497                                       | PRC 1.0682354  | L                   | .1748772                                      | min                    | .1210693                                      | max .2765882  |
| Si                  | 3.134505                                       | SAB                     | 3.181932                                       | Sf 3.278555  | K                   | .0538079                                      | z                      | .1017110                                      | m .1100000  |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 26.847105   | the                 | 116.84713                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .1600000                                       | w2 .1300000  | w3                  | *.1100000                                     | SF                     | .0881109                                      | IFr .7089338  |
| PRA                 | 1.0983206                                      | PRB                     | .9598017                                       | PRC 1.1338275 .  | L                   | .1392574                                      | min                    | .1210693                                      | max .2765882  |
| Si                  | 2.849547                                       | SAB                     | 3.012687                                       | Sf 3.278555  | K                   | .0181882                                      | z                      | .1373308                                      | m .1100000  |
| n                   | .1300000                                       | gam                     | 31.072922                                      | b-al 26.847105   | the                 | 116.84713                                     | phi                    | 121.07294                                     | 2-LEVEL THRUST                                      |
| N                   | 2.0000000                                      | SAB                     | .1600000                                       | w2 .1400000  | w3                  | .0200000                                      | SF                     | .0669060                                      | LFr .6385965  |
| PRA                 | 1.0200000                                      |                         | 1.1621232                                      | PRC 1.1042030  | L                   | .1104755                                      | min                    | .0667301                                      | max .3059628  |
| Si                  | 2.849552                                       |                         | 2.544641                                       | Sf 3.265333  | K                   | .0437455                                      | z                      | .1954872                                      | m .0200000  |
| n                   | .1400000                                       |                         | 33.256142                                      | b-al 9.281672  | <b>t</b> he         | 99.281695                                     | phi                    | 123.25617                                     | 2-LEVEL THRUST                                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>4.274338<br>.1400000 | SAB                     | .1600000<br>1.1120020<br>3.308827<br>33.256142 | w2 .1400000<br>PRC .9698285<br>Sf 3.266482<br>b-al 11.159840 | w3<br>L<br>K<br>the | .0300000<br>.2927494<br>.2178300<br>101.15986 | SF<br>min<br>z<br>phi  | .0679913<br>.0749194<br>.0114027<br>123.25617 | IFr 7982607<br>max 3041521<br>m 0300000             |

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| N .                  | 2.0000000                                      | wl                        | .1600000  | .w2                      | .1400000  | w3                    | •0300000   | SF                    | .0679913                                       | IFr                                  | .6440621                                       |
|----------------------|--|---------------------------|---|--------------------------|---|-----------------------|--|-----------------------|--|--------------------------------------|--|
| PRA<br>Si<br>n       | 1.0300000<br>2.849549。<br>.1400000             | PRB<br>SAB<br>gam         | 1.1319924<br>2.596432<br>33.256142                      | PRC<br>Sf                | 1.1113725<br>3.266482<br>11.159840                | L<br>K<br>the         | .1146507<br>.0397314<br>101.15986                      | min<br>z<br>phi       |  | max<br>m °                           | .3041521<br>.0300000<br>EL THRUST              |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>3.799412<br>.1400000 | wl.<br>PRB<br>SAB.<br>gam | .1600000<br>1.0977688<br>3.123703<br>33.256142          | w2<br>PRC<br>Sf<br>b-al  | .1400000<br>.9696352<br>3.268147<br>13.050236     | w3<br>L<br>K<br>the   | .0400000<br>.2374230<br>.1546531<br>103.05026          | SF<br>min<br>z<br>phi | .06944447<br>.0827699<br>.0645796<br>123.25617 | IFr<br>max<br>m                      | .7590 <u>6</u> 37<br>.3020026<br>.0400000      |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0399981<br>2.849553<br>.1400000 | wl<br>PRB<br>SAB<br>gam   | .1600000<br>1.1033274<br>2.648767<br>33.256142          | w2<br>PRC<br>Sf<br>b-al  | .1400000<br>1.1182873<br>3.268147<br>13.050236    | w3<br>L<br>K<br>the   | .040°0000<br>.1186905<br>.0359206<br>103.05026         | SF<br>min<br>z<br>phi | .0694447<br>.0827699<br>.1833121<br>123.25617  | LFr<br>max<br>m<br>2-LEV             | .6502180<br>.3020026<br>.0400000<br>TEL THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0400000<br>3.561936<br>.1400000 | wl<br>PRB<br>SAB<br>gam   | .1600000<br>1.0789264<br>3.057841<br>33.256142          | w2<br>PRC<br>Sf<br>b-al  | .1400000<br>.9912938<br>3.270462<br>14.955219     | w3<br>L<br>K<br>*the  | .0500000<br>.2116432<br>.1213708<br>104.95524          | SF<br>min<br>z<br>phi | .0715246<br>.0902725<br>.0878619<br>123.25617  | LFr<br>max<br>m<br>2-LEV             | .7434321<br>.2995052<br>.0500000<br>EL THRUST  |
| N°<br>PRA<br>Si<br>n | 2.0000000<br>1.0497949<br>2.849549<br>.1400000 | wl<br>PRB<br>SAB<br>gam   | .1600000<br>1.0763973<br>2.701063<br>33.256142          | w2°<br>PRC<br>Sf<br>b-al | .1400000<br>1.1248687<br>3.270462<br>14.955219    | w3<br>L<br>K<br>the   | .0500000<br>.1225948<br>.0323224<br>104.95524          | SF<br>min<br>z<br>phi | .0715246<br>.0902725<br>.1769103<br>123.25617  | IFr<br>max<br>m<br>2-LEV             | .6572628<br>.2995052<br>.0500000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>3.419463<br>.1400000 | wl<br>PRB<br>SAB<br>gam   | .1600000<br>1.0584586<br>3.040001<br>33.256142          | w2<br>PRC<br>Sf<br>b-al  | .1400000<br>1.0173706 •<br>3.273609<br>*16.876944 | w3<br>L<br>K<br>the   | .0600000<br>.1976090<br>.1001843<br>106.87697          | SF<br>min<br>z<br>phi | .0741472<br>.0974247<br>.0990484<br>123.25617  | LFr<br>max<br>m<br>2-LEV             | .7376194<br>.2966574<br>.0600000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.000000<br>1.0590865<br>2.849547<br>.1400000  | wl<br>PRB<br>SAB<br>gam   | .1600000<br>1.0515716<br>2.752439<br>33.256142          | w2<br>PRC<br>Sf<br>b-al  | .1400000<br>1.1310196<br>3.273609<br>16.876944    | w3<br>L<br>K<br>the   | .0600∞0<br>°.1263695<br>.0289448<br>106:87697          | SF<br>min<br>z<br>phi | .0741472<br>.0974247<br>.1702879<br>123.25617  | LFr<br>max<br>m<br>2-LEV             | .6650553<br>.2966574<br>.0600000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>3.989373<br>.1400000 | wl<br>PRB<br>SAB<br>gam   | .1600000<br>1.0352086<br>3.378884<br>33.256142          | w2<br>PRC sf<br>b-al     | .1400000<br>.9684126<br>3.277786<br>18.818803     | w3<br>L<br>K<br>the   | .0700000<br>.2724896<br>.1682877<br>108.81882          | SF<br>min<br>z<br>phi | .0774927<br>.1042019<br>.0209450<br>123.25617  | LFr<br>max<br>m                      | .8260994<br>.2934346<br>.0700000               |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0600000<br>3.324472<br>.1400000 | SAB                       | .1600000<br>1.03 <b>7</b> 7420<br>3.046433<br>33.256142 | Sf                       | 1.400000<br>1.0368107<br>3.277786<br>18.818803    | w3<br>L<br>K<br>the   | .0700000<br>.1893768<br>.0851750<br>108.81882          | SF<br>min<br>z<br>phi | .0774927<br>.1042019<br>.1040577<br>123.25617  | IFr<br>max<br>m<br>2-LEVI            | .7372084<br>.2934346<br>.0700000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0677815<br>2.849557<br>.1400000 | SAB                       | .1600000<br>1.0289824<br>2.802654<br>33.256142          | Sf                       | .1400000<br>1.1365881<br>3.277786<br>18.818803    | w3°<br>L<br>K<br>the  | .0700000<br>.1300125<br>.0258106<br>108.81882          | SF<br>min<br>z<br>phi | .0774927<br>.1042019<br>.1634221<br>123.25617  | LFr .<br>max<br>m<br>2 <b>-</b> LEVE | .6737175<br>.2934346<br>.0700000<br>El THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0600000<br>3.799400<br>.1400000 | SAB                       | .1600000<br>1.0183818<br>3.338339<br>33.256142          | w2<br>PRC<br>Sf<br>b-al  | .1400000<br>.9676416<br>3.283283<br>20.783323     | w3<br>L<br>K<br>the   | .0800000<br>.2522564<br>.1416565<br>110. <b>7</b> 8334 | SF<br>min<br>z<br>phi | .0816527<br>.1105999<br>.0375762<br>1.23.25617 | IFr<br>max<br>• m                    | .8163061<br>.2898326<br>.0800000               |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0699973<br>3.256629<br>.1400000 | SAB                       | .1600000<br>1.0176679<br>3.066944<br>33.256142          | Sf                       | .1400000 .<br>1.0519531<br>3.283283<br>20.783323  | w3<br>L<br>K<br>the   | .0800000<br>.1844101<br>.0738102<br>110.78334          | SF<br>min<br>z<br>phi | .0816527<br>.1105999<br>.1054225<br>123.25617  | LFr<br>max<br>m<br>2-LEVE            | .7402878<br>.2898326<br>.0800000<br>I_THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0758856<br>2.849555<br>.1400000 | SAB                       | .1600000<br>1.0087055<br>2.851692<br>33.256142          | *Sf                      | .1400000<br>1.1414089<br>3.283283<br>20.783323    | w3<br>L *<br>K<br>the | .0800000<br>.1335259<br>.0229260<br>110.78334          | SF<br>min<br>z<br>phi | .0816527<br>.1105999<br>.1563067<br>123.25617  | LFr<br>max<br>m<br>2=LEVE            | .6832743<br>.2898326<br>.0800000<br>I. THRUST  |

| N<br>PRA   |                       | wl<br>PRB  | .1600000              | w2 .14000<br>PRC .98737   | 63 L         | .0900000<br>.2386818  | SF<br>min | .0866861<br>.1166032  | LFr<br>max   | .8129301<br>.2858359   |
|------------|-----------------------|------------|-----------------------|---------------------------|--------------|-----------------------|-----------|-----------------------|--------------|------------------------|
| Si<br>n    | 3.663712<br>.1400000  | SAB<br>gam | 3.325445<br>33.256142 | Sf 3.2904<br>b-al 22.7737 |              | .1220786<br>112.77381 | z<br>phi  | .0471541<br>123.25617 | m<br>2-LE    | .0900000<br>VEL THRUST |
| N          | 2.0000000             | wl         | .1600000              | w2 .14000                 | 00 w3        | •0900000              | SF        | .0866861              | LFr          | .7458744               |
| PRA        | 1.0797663             | PRB        | •9990997              | PRC 1.06387               |              | .1814366              | min       | .1166032              | max          | .2858359               |
| Si         | 3.205750              | SAB        | 3.095715              | Sf 3.2904                 | _            | .0648334              | Z         | .1043993              | m            | .0900000               |
| n          | .1400000              | gam        | 33.256142             | b-al 22.7737              |              | 112.77381             | phi       | 123.25617             |              | VEL THRUST             |
| N          | 2.0000000             | wl         | .1600000<br>.9908679  | w2 .14000<br>PRC 1.14522  |              | .0900000<br>.1369114  | SF        | .0866861              | IFr          | .6937189<br>.2858359   |
| PRA<br>S1  | 1.0834487<br>2.849549 | PRB<br>SAB | 2.899694              | Sf 3.2904                 |              | .0203082              | Z         | .1489245              | me.x<br>m    | •0900000               |
| n          | .1400000              | gam        | 33.256142             | b-al 22.7737              |              | 112.77381             | phi       | 123.25617             |              | VEL THRUST             |
| N          | 2.0000000             | wl         | .1600000              | w2 .14000                 |              | .1000000              | SF        | .0927687              | LFr          | •.8139982              |
| PRA        | 1.0800000             | PRB        | .9870890              | PRC 1.00392               |              | .2292214              | min       | .1221948              | max          | .2814274               |
| Si         | 3.561946              | SAB        | 3.330017              | Sf 3.2999                 |              | .1070266              | Z         | .0522061              | m<br>O Total | • .1000000             |
| n          | .1400000              | gam        | 33.256142             | b-al 24.7937              | 30 the       | 114.79375             | phi       | 123.25617             | Z=1.6\       | VEL THRUST             |
| N          | 2.0000000             | wl         | .1600000              | w2 .140000                |              | .1000000              | SF        | .0927687              | LFr          | .7535217               |
| PRA        | 1.0889999             | PRB        | .9828987              | PRC 1.07298               |              | .1797486              | min       | .1221948              | max          | .2814274               |
| Si         | 3.166164              | SAB        | 3.128958              | Sf 3.2999                 |              | .0575538              | Z         | .1016789              | m            | .1000000               |
| n          | •1400000              | gam        | 33.256142             | b-al 24.7937              | 30 the       | 114.79375             | phi       | 123 <b>.</b> 25617    | 2-LEV        | VEL THRUST             |
| N          | 2.0000000             | wl         | .1600000 °            | w2 • .140000              | 00 w3        | .1000000              | SF        | .0927687              | LFr          | .7051516               |
| PRA        | 1.0905444             | PRB        | •9757265              | PRC 1.147666              |              | .1401711              | min       | .1221948              | mex          | .2814274               |
| Si         | 2.849544              | SAB        | 2.946870              | Sf 3.2999                 |              | .0179763              | z         | .1412564              | m            | .1000000               |
| n          | .1400000              | . கேய      | 33.256142             | b-al 24.7937              | 50 the       | 114.79375             | ph1       | 123.25617             | 2-LEV        | EL THRUST              |
| N          | 2.0000000             | wl         | .1600000              | w2 .140000                | 00 w3        | .1100000              | SF        | .1000395              | LFr          | .8184080               |
| PRA        | 1.0899688             | PRB        | •9740839              | PRC 1.01620               |              | .2224617              | min       | .1273555              | max          | .2765882               |
| S <b>1</b> | 3.482787              | SAB        | 3.346282              | Sf 3.31237                |              | .0951062              | <b>2</b>  | .0541265              | m            | .1100000               |
| n          | .1400000              | gam        | 33.256142             | b-al 26.84710             | 5 the        | 116.84713             | phi       | 123.25617             | 2-LEV        | EL THRUST              |
| N          | 2.0000000             | wl         | .1600000              | w2 .140000                |              | .1100000              | SF        | .1000395              | LFr .        | .7629776               |
| PRA        | 1.0976474             | • PRB      | 9698001               | PRC 1.079195              |              | .1789265              | min       | 1273555               | max          | .2765882               |
| Si         | 3.134505              | SAB        | 3.164875              | Sf 3.31237                |              | .0515710              | ° Z       | .0976617              | , m          | .1100000               |
| n          | .1400000              | gan        | 33.256142             | b-al 26.84710             | )5 the       | 116.84713             | ph1       | 123.25617             | 2-LEV        | EL THRUST              |
| N          | 2.0000000             | wl         | .1600000              | w2 .140000                |              | .1100000              | SF        | .1000395              | LFr          | .7176247               |
|            | 1.0972620             | PRB.       | .9638079              | PRC 1.148082              |              | .1433067              | min       | .1273555              | max          | .2765882               |
| S1         | 2.849547              | SAB        | 2.993473              | Sf 3.31237                |              | .0159512              | z         | .1332814              | m            | .1100000               |
| n          | •1400000<br>°         | gam        | 33.256142             | b-al 26.84710             | )5 the       | 116.84713             | ° phi     | 123.25617             | 2-LEV        | el thrust              |
| N          | 2,0000000             | wl         | .1600000              | w2140000                  |              | .1200000              | SF        | .1086531              | LFr          | .8884192               |
| PRA        | 1.0900000             | •PRB       | .9673746              | PRC .966367               |              | 2650490               | min       | .1320616              | max          | .2712943               |
|            | * 3.799400            | SAB        | 3.561151              | Sf 3.32910                |              | .1329874              | Z         | .0062453              | m<br>O T THE | .1200000               |
| n          | •1400000              | gam        | 33.256142             | b-al 28.93846             |              | 118.93848             | pni       | 123.25617             | ● Z=LEV      | el: Thrust             |
| N          | 2.0000000             | wl         | .1600000              | w2 .140000                |              | .1200000              | SF        | .1086531              | LFr          | .8255301               |
| PRA        | 1.0996367             | PRB        | .9647318              | PRC 1.023998              |              | .2175560              | min       | .1320616              | max          | .2712943               |
| Si         | 3.419456              | SAB        | 3.369935              | Sf 3.32910                |              | .0854944              | z         | .0537383              | m            | .1200000               |
| n          | .1400000              | gem        | 33.256142             | b-al 28.93846             | 2 the        | 118.93848             | phi       | 123.25617             | 2-LEV        | EL THRUST              |
| N          | 2.0000000             | wl         | .1600000              | w2 .140000                |              | .1200000              | SF        | .1086531              | LFr          | .7740774               |
| PRA        | 1.1057639             | PRB        | .9609986              | PRC 1.081693              |              | .1786995              | min       | .1320616              | max          | .2712943               |
| °S1        | 3.108604              | SAB        | 3.202584              | Sf 3.32910                |              | .0466379              | Z e       |                       | m °          | .1200000               |
| n          | •1400000              | gem        | 33.256142             | b-al 28.93846             | 2 the        | 118,93848             | phi       | 123.25617             | 5-TEA1       | el thrust              |
| N          | 2.0000000             | wl non     | .1600000              | w2 .140000                | 0 <b>w</b> 3 | .1200000<br>.1463184  | SF        | .1086531<br>.1320616  | LFr          | ·7311993<br>·2712943   |
| PRA<br>Si  | 1.1037036             | PRB        | .9562754              | PRC 1.145250              |              |                       | min       |                       | max          |                        |
| n          | 2.849555<br>.1400000  | SAB        | 3.039791              | Sf 3.32910                |              | .0142569              | Z         | .1249758              | m<br>o tem   | .1200000               |
| **         | • 1-00000             | gam        | 33.256142             | b-al 28.93846             | 2 the        | 118.93848             | phi       | 123.25617             | ا∨ئلىد=>     | EL THRUST              |

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|                     |  |                         |   | ,           |  |                     |  |                       |  |                          |  |
|---------------------|--|-------------------------|---|-------------|--|---------------------|--|-----------------------|--|--------------------------|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849563<br>.0400000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9999772<br>2.585195<br>13.967897   | Sf          | .0400000<br>1.288623<br>3.145206<br>9.928032 | w3<br>L<br>K<br>the | .0200000<br>.1003399<br>.0760964<br>99.928055  | SF<br>min<br>z<br>phi | .0057888<br>.0242435<br>.1853359<br>103.96792  | IFr<br>max<br>m          | .6302557<br>.2856758<br>.0200000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849543<br>.0500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0150741<br>2.579116<br>16.013382  | PRC 1<br>Sf | .0500000<br>.2495157<br>3.146624<br>9.928032 | w3<br>L<br>K<br>the | .0200000<br>.1018543<br>.0749299<br>99.928055  | SF<br>min<br>z<br>phi | .0079031<br>.0269244<br>.1838214<br>106.01341  | LFr<br>max<br>m          | .6365996<br>.2856758<br>.0200000               |
| N<br>PRA<br>Sio     | 2.000000<br>1.030000<br>2.849544<br>0500000    | Wl<br>PRB<br>SAB<br>gam | .1800000<br>.9945728<br>2.631119<br>16.013382   | PRC 1<br>Sf | .0500000<br>.2425962<br>3.147335<br>1.940427 | w3<br>L<br>K<br>the | .0300000<br>.1059780<br>.0709923<br>101.94045  | SF<br>min<br>z<br>phi | .0090256<br>.0349857<br>.1777590<br>106.01341  | IFr<br>max<br>m          | .6435166<br>.2837370<br>.0300000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849559<br>.0600000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0313161<br>2.572083<br>18.079681  | PRC 1<br>Sf | .0600000<br>.2118586<br>3.148542<br>9.928032 | w3<br>L<br>K<br>the | .0200000<br>.1036167<br>.0736300<br>99.928055  | SF<br>min<br>z<br>phi | .0106373<br>.0299867<br>.1820590<br>108.07970  | LFr<br>max<br>m          | .6431217<br>.2856758<br>.0200000               |
| N<br>PRA<br>S1<br>n | 2.0000000<br>1.0300000<br>2.849545<br>.0600000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0086521<br>2.624078<br>18.079681  | PRC 1<br>Sf | .0600000<br>.2075267<br>3.149253<br>L.940427 | w3<br>L<br>K<br>the | .0300000<br>.1077385<br>.0696905<br>101.94045  | SF<br>min<br>z<br>phi | .0117598<br>.0380480<br>.1759985<br>108.07970  | LFr<br>max<br>m          | .6499291<br>.2837370<br>.0300000               |
| N<br>PRA<br>Si °    | 2.0000000<br>1.0300000<br>3.799407<br>.0600000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9912139<br>3.151590<br>18.079681   | PRC 1       | .0600000<br>.2000719<br>3.150277<br>3.967897 | w3<br>L<br>K<br>the | .0400000<br>.2304497<br>.1847067<br>103.96792  | SF<br>min<br>z<br>phi | .0132685<br>.0457430<br>.0509824<br>108.07970  | LFr<br>max<br>m          | .7178335<br>.2814320<br>.0400000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849547<br>.0600000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9896550<br>2.676661<br>18.079681   | PRC 1       | .0600000<br>.2000719<br>3.150277<br>5.967897 | w3<br>L<br>K<br>the | .0400000<br>.1117172<br>.0659742<br>103.96792  | SF<br>min<br>z<br>phi | .0132685<br>.0457430<br>.1697148<br>108.07970  | LFr<br>max<br>m          | .6573630<br>.2814320<br>.0400000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849559<br>.0700000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0482071<br>2.563973<br>20.170979  | PRC 1.      | 0700000<br>1762865<br>3.151065<br>3.928032   | w3<br>L<br>K<br>the | .0200000<br>.1056442<br>.0721877<br>99.928055  | SF<br>min<br>z<br>phi | .0140991<br>.0334566<br>.1800315<br>110.17100  | LFr<br>mex<br>m          | .6498604<br>.2856758<br>.0200000               |
| N<br>PRA<br>Si<br>n | 2.000000<br>1.0300000<br>2.849546<br>.0700000  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0241088<br>2.615968<br>20.170979  | PRC 1.      | 0700000<br>1764589<br>•151776<br>•940427     | w3<br>L<br>K<br>the | .030000<br>.1097660<br>.0682482<br>101.94045   | SF<br>min<br>z<br>phi | .0152216<br>.0415178<br>.1739710<br>110.17100  | LFr<br>mex<br>m<br>2-LEV | .6565685<br>.2837370<br>.0300000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799408<br>.0700000 | wl<br>RRB<br>SAB<br>gem | .1800000<br>1.0023321<br>·3.143481<br>20.170979 | PRC °1.     | 0700000<br>1686756<br>•152800<br>•967897     | w3<br>L<br>K<br>the | .0400000<br>.2324772<br>.1832644<br>103.96792  | SF<br>min<br>z<br>phi | .0167303<br>.0492128<br>.0489548<br>.110.17100 | LFr<br>max<br>m          | .7304344<br>.2814320<br>.0400000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849548<br>.0700000 | wl<br>PRB<br>SAB<br>gem | .1800000<br>1.0027443<br>2.668551<br>20.170979  | PRC 1.      | 0700000<br>1782315<br>•152800<br>•967897     | w3<br>L<br>K<br>the | .0400000<br>.1137448<br>.0645319<br>103.96792  | SF<br>min<br>z<br>phi | .0167303<br>.0492128<br>.1676873<br>110.17100  | LFr<br>max<br>m<br>2-LEV | .6639176<br>.2814320<br>.0400000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561947<br>.0700000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9868717<br>3.077902<br>20.170979   | PRC 1.      | 0700000<br>1608767<br>.154217<br>.013382     | w3<br>L<br>K<br>the | .0500000<br>.2066307<br>.1500987<br>106.01341  | SF<br>min<br>z<br>phi | .0188799<br>.0565320<br>.0721205<br>110.17100  | LFr<br>max<br>m          | .7265148<br>.2787512<br>.0500000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849559<br>.0700000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9851373<br>2.721708<br>20.170979   | PRC 1.      | 07∞000<br>1763953<br>.154217<br>.013382      | w3<br>L<br>K<br>the | .0500000<br>.1175823<br>*.0610504<br>106.01341 | SF<br>min<br>z<br>phi | .0188799<br>.0565320<br>.1611689<br>110.17100  | LFr<br>max<br>m<br>2=LEV | .6720925<br>.2787512<br>.0500000<br>EL THRUST  |

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|----------------|------------------------------------|------------------|--|-----------------|----------------------------------|--------------|----------------------------------|----------------|----------------------------------|---------------------|----------------------------------|---|
| N<br>PRA<br>S1 | 2.0000000<br>1.0540055<br>2.374630 | wl<br>PRB<br>SAB | .1800000<br>.9782446<br>2.470008       | w2<br>PRC<br>Sf | .0700000<br>1.305407<br>3.154217 | w3<br>L<br>K | .0500000<br>.0582161<br>.0016841 | SF<br>min<br>z | .0188799<br>.0565320<br>.2205351 | LFr<br>max<br>m     | .6358099<br>.2787512<br>.0500000 |   |
| n              | .0700000                           | gam              | 20.170979                              |                 | 16.013382                        | the          | 106.01341                        | phi            | 110.17100                        |                     | el thrust                        |   |
| N              | 2.0000000                          | wl               | .1800000                               | w2              | .0800000                         | w3           | .0200000                         | SF             | .0183916                         | LFr                 | .6568480                         |   |
| PRA<br>Si      | 1.0200000                          | PRB              | 1.0655260<br>2.554741                  | PRC<br>Sf       | 1.1587732<br>3.154347            | L<br>K       | .1079521<br>.0706088             | min            | .0373434                         | max                 | .2856758                         |   |
| n              | 2.849559<br>.0800000               | gam              | 22.290742                              | b-al            | 9.928032                         | * the        | 99.928055                        | z<br>phi       | .1777237<br>112 <b>.2</b> 9076   | m<br>2-LEV          | EL THRUST                        |   |
|                |                                    |                  |  |                 |                                  | ⊜            |                                  |                |                                  |                     | ((-) -)                          |   |
| N<br>PRA       | 2.0000000<br>1.0300000             | wl<br>PRB        | .1800000<br>1.0403008                  | w2<br>PRC       | .0800000<br>1.1634560            | w3<br>L      | .0300000<br>.1120758             | SF<br>min      | .0195141                         | LFr<br>max          | .6634741<br>.2837370             |   |
| Si             | 2.849561                           | SAB              | 2.606744                               | Sf              | 3.155058                         | K            | .0666712                         | z              | .1716612                         | m                   | .0300000                         |   |
| n              | .0800000                           | gam              | 22.290742                              | b-al            | 11.940427                        | the          | 101.94045                        | phi            | 112.29076                        | 2-LEV               | EL THRUST                        |   |
| N              | 2.0000000                          | wl               | .1800000                               | w2              | .0800000                         | <b>w</b> 3   | .0400000                         | SF             | .0210228                         | LFr                 | .7433138                         |   |
| PRA<br>S1      | 1.0300000<br>3.799407              | PRB              | 1.0147833<br>3.134249                  | PRC<br>Sf       | 1.13 <b>7</b> 8015<br>3.156081   | L<br>K       | •2347851<br>•181 <b>6</b> 855    | min<br>z       | .0530996<br>.0466469             | max                 | .2814320                         |   |
| n              | .0800000                           | gan              | 22.290742                              |                 | 13.967897                        | the          | 103.96792                        | phi            | 112.29076                        | 44                  | •0+00000                         |   |
| N              | 2.0000000                          | wl               | .1800000                               | w2              | .0800000                         | w3           | .0400000                         | SF             | .0210228                         | LFr                 | .6707497                         |   |
| PRA            | 1.0400000                          | PRB              | 1.0173211                              |                 | 1.1665938                        | L            | .1160526                         | min            | .0530996                         | max                 | .2814320                         |   |
| Si             | 2.849547                           | SAB              | 2.659319                               | Sf              | 3.156081                         | K            | .0629530                         | Z              | .1653794                         | m °                 | .0400000                         |   |
| n              | .0800000                           | gam              | 22.290742                              | b-al .          | 13.967897                        | the          | 103.96792                        | phi            | 112.29076                        | 2-LEV               | EL THRUST                        |   |
| N              | 2.0000000                          | wl               | .1800000                               | w2              | .0800000                         | <b>w</b> 3   | .0500000                         | SF             | .0231724                         | LFr                 | .7378225                         |   |
| PRA<br>Si      | 1.0400000<br>3.561946              | PRB<br>SAB       | •9976051<br>3•068670                   | PRC :           | 1.1328401<br>3.157499            | L<br>K       | .2089386<br>.1485198             | min<br>z       | .0604188<br>.0698126             | max<br>m            | .0500000                         |   |
| n              | .0800000                           | gam              | 22.290742                              |                 | 16.013382                        | the          | 106.01341                        | phi            | 112.29076                        |                     | •0,00000                         |   |
| N              | 2.0000000                          | wl .             | .1800000                               | <b>w</b> 2      | .0800000                         | w3           | .0500000                         | SF             | .0231724                         | LFr                 | .6788645                         |   |
| PRA<br>Si      | 1.0500000<br>2.849559              | PRB<br>SAB       | •99 <b>7</b> 1134<br>2• <b>7</b> 12476 | PRC :<br>Sf     | 1.1674350                        | L            | .1198902                         | min            | .0604188                         | , max               | .2787512                         |   |
| n              | .0800000                           | gem              | 22.290742                              |                 | 3•157499<br>16•013382            | K<br>the     | .0594714<br>106.01 <b>34</b> 1   | z<br>phi       | .1588610<br>112.29076            | m<br>2 <b>-</b> LEV | .0500000<br>EL THRUST            |   |
| N              | 2.0000000                          | wl               | .1800000                               | w2              | .0800000                         | <b>w</b> 3   | •0500000                         | SF             | .0231724                         | IFr                 | •6395598                         |   |
| PRA            | 1.0532960                          | PRB              | .9879866                               | PRC             | 1.299623                         | L            | .0605240                         | min            | 0604188                          | max                 | .2787512                         |   |
| Si             | 2.374629                           | SAB              | 2.459092                               | Sf              | 3.157499                         | •K .         | .0001052                         | Z .            | .2182272                         | m                   | .0500000                         |   |
| n              | .0800000                           | gam              | 22.290742                              | D-al I          | 16.013382                        | the          | 106,01341                        | phi.           | 112.29076                        | 2-1.57.             | EL THRUST                        |   |
| N              | 2.0000000                          | wl               | .1800000                               | w2°             | .0800000                         | w3           | .0600000                         | SF             | .0258885                         | LFr                 | .7384825                         |   |
| PRA<br>Si      | 1.0500000<br>3.419462              | PRB<br>SAB       | .9827844<br>3.051131                   | PRC ]<br>Sf     | 1.1248583<br>3.159418            | L<br>K       | .1948261<br>.1274697             | min<br>z       | .0673564<br>.0808627             | me.x<br>m           | .2756888<br>.0600000             |   |
| n              | .0800000                           | gam              | 22.290742                              |                 | 18.079681                        | the          | 108.07970                        | phi            | 112.29076                        |                     | •                                |   |
| N              | 2.0000000                          | wl               | .1800000                               | w2              | .0800000                         | w3           | .0600000                         | SF             | .0258885                         | LFr                 | .6876879                         |   |
| PRA            | 1.0600000                          | PRB              | .9807391                               | PRC 1           | 1.1645933                        | L            | .1235867                         |                | .0673564                         | max                 | .2756888                         |   |
| Si<br>n        | 2.849546<br>.0800000               | SAB<br>gam       | 2.766172<br>22.290742                  | Sf<br>b-al 1    | 3.159418<br>18.079681            | K<br>the     | .0562303<br>108.07970            | z<br>phi       | .1521021<br>112.29076            | m<br>Orato          | .0600000<br>EL THRUST            |   |
|                |                                    |                  |  |                 |                                  |              |                                  | _              |                                  |                     |                                  |   |
| N<br>PRA       | 2.0000000<br>1.0633180             | wl<br>PRB        | .1800000<br>.9741567                   | w2<br>PRC       | .0800000<br>1.273697             | w3<br>L      | .0600000<br>.0727024             | SF<br>min      | .0258885<br>.0673564             | LFr                 | .6514063                         |   |
| Si             | 2.442472                           | SAB              | 2.546315                               |                 | 3.159418                         | K            | .0053460                         | Z              | 2029864                          | max<br>m            | .2756888<br>.0600000             |   |
| n              | •0800000                           | gam              | 22.290742                              | b-al l          | 8.079681                         | the          | 108:07970                        | phi            | 112.29076                        | 2-LEV               | EL THRUST                        | 4 |
| N              | 2.0000000                          | wl               | .1800000                               | w2              | .0900000                         | w3           | .0200000                         | SF             | .0236321                         | LFr                 | .6641216                         |   |
| PRA<br>Si      | 1.0200000<br>2.849554              | PRB<br>SAB       | 1.0830646<br>2.544307                  |                 | .1462230                         | L            | •1105 <b>5</b> 95                | min            | .0416650                         | max                 | .2856758                         |   |
| n              | •0900000                           | gam              | 24.443137                              |                 | 3.158589<br>9.928032             | K<br>the     | .0688945<br>99.928055            | z<br>phi       | .1751163<br>114.44316            | m •<br>2=LEVE       | .0200000<br>El THRUST            |   |
| N              | 2,0000000                          | wl               | .1800000                               | w2              | •0900000                         | w3           | •0300000                         | SF             | .0247536                         | LFr                 | .6706820                         |   |
| PRA            | 1.0300000                          | PRB              | 1.0568434                              | PRC 1           | .1513930                         | L            | .1146832                         | min            | •0497262                         | max                 | .2837370                         |   |
| Si<br>n        | 2.849556<br>.0900000               | SAB              | 2.596310<br>24.443137                  |                 | 3.159299<br>.1.940427            | K            | .0649569<br>101.94045            | Z              | .1690539                         | m<br>O trom         | .0300000                         |   |
|                |                                    | Ocen             | -T4-TT/1/                              | n-arr T         | 1-1-240421                       | the          | TOT.34042                        | phi            | 114.44316                        | <b>∠-,</b> LKVE     | EL THRUST                        |   |

| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799402<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0279959<br>3.123815<br>24.443137 | w2 .0900000<br>PRC 1.1083470<br>Sf 3.160323<br>b-al 13.967897  | w3<br>L<br>K<br>the   | .0400000<br>.2373924<br>.1799712<br>103.96792  | SF <sup>2</sup><br>min<br>z<br>phi | .0262632<br>.0574212<br>.0440396<br>.114.44316 | IFr<br>max<br>m          | .7565117<br>.2814320<br>.0400000              |
|---------------------|--|-------------------------|--|--|-----------------------|--|------------------------------------|--|--------------------------|---|
| N                   | 2.0000000                                      | wl                      | .1800000                                       | w2 .0900000 PRC 1.1554183 Sf 3.160323 b-al 13.967897           | w3                    | .0400000                                       | SF                                 | .0262632                                       | LFr                      | .6779013                                      |
| PRA                 | 1.0400000                                      | PRB                     | 1.0325898                                      |  | L                     | .1186619                                       | min                                | .0574212                                       | max                      | .2814320                                      |
| °Si                 | 2.849558                                       | SAB                     | 2.648893                                       |  | K                     | .0612407                                       | z                                  | .1627701                                       | m                        | .0400000                                      |
| n                   | .0900000                                       | gam                     | 24.443137                                      |  | the                   | 103.96792                                      | phi                                | 114.44316                                      | 2-LEV                    | /EL THRUST                                    |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561941<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0098989<br>3.058236<br>24.443137 | w2 .0900000<br>PRC 1.1050065°<br>Sf 3.161741<br>b-al 16.013382 | w3<br>L<br>K<br>the   | .0500000<br>.2115460<br>.1468056<br>106.01341  | SF<br>min<br>z<br>phi              | .0284119<br>.0647404<br>.0672052<br>114.44316  | LFr<br>max<br>m          | .7494621<br>.2787512<br>.0500000              |
| N                   | 2.0000000                                      | wl                      | .1800000                                       | w2 .0900000  | w3                    | .0500000                                       | SF                                 | .0284119                                       | LFr                      | .6859694                                      |
| PRA                 | 1.0500000                                      | PRB                     | 1.0106114                                      | PRC 1.1578437  | L                     | .1224976                                       | min                                | .0647404                                       | max                      | .2787512                                      |
| Si                  | 2.849554                                       | SAB                     | 2.702042                                       | Sf 3.161741  | K                     | .0577572                                       | z                                  | .1562536                                       | m                        | .0500000                                      |
| n                   | .0900000                                       | gem                     | 24.443137                                      | b-al 16.013382   | the                   | 106.01341                                      | phi                                | 114.44316                                      | 2-LEV                    | VEL THRUST                                    |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419457<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9929539<br>3.040697<br>24.443137  | w2 .0900000<br>PRC 1.0999250<br>Sf 3.163659<br>b-al 18.079681  | w3<br>L<br>K<br>the   | .0600000<br>.1974335<br>.1257555°<br>108.07970 | SF<br>min<br>z<br>phi              | .0311289<br>.0716780<br>.0782553<br>114.44316  | LFr<br>max<br>m          | .7491827<br>.2756888<br>.0600000              |
| N                   | 2.0000000                                      | wl                      | .1800000                                       | w2 .0900000  | w3                    | .0600000                                       | SF                                 | .0311289                                       | LFr                      | .6947613                                      |
| PRA                 | 1.0599965                                      | PRB                     | .9914487                                       | PRC 1.1579286  | L                     | .1261959                                       | min                                | .0716780                                       | max                      | .2756888                                      |
| Si                  | 2.849557                                       | SAB                     | 2.755737                                       | Sf 3.163659  | K                     | .0545179                                       | z                                  | .1494929                                       | m                        | .0600000                                      |
| n                   | .0900000                                       | gam                     | 24.443137                                      | b-al 18.079681   | the                   | 108.07970                                      | phi                                | °114.44316                                     | 2-LEV                    | VEL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .1800000                                       | w2 .0900000  | w3                    | .0600000                                       | °SF                                | .0311289                                       | LFr                      | .6558876                                      |
| PRA                 | 1.0625586                                      | PRB                     | .9828680                                       | PRC 1.270233   | L                     | .0753098                                       | min                                | .0716780                                       | max                      | .2756888                                      |
| Si                  | 2.442468                                       | SAB                     | 2.534026                                       | Sf 3.163659  | K                     | .0036318                                       | z                                  | .2003790                                       | m                        | .0600000                                      |
| n                   | .0900000                                       | gem                     | 24.443137                                      | b-al 18.079681   | the                   | 108.07970                                      | phi                                | 114.44316                                      | 2-LEV                    | TEL THRUST                                    |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324483<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9789545<br>3.047475<br>24.443137  | w2 .0900000<br>PRC 1.0919017<br>Sf 3.166182<br>b-al 20.170979  | w3<br>L<br>. K<br>the | .0700000<br>.1891194<br>.1109111<br>110.17100  | SF<br>min<br>z<br>phi              | .0345898<br>.0782082<br>.0830997<br>114.44316  | LFr<br>max<br>m          | .7527647<br>.2722190<br>.0700000              |
| N                   | 2.0000000                                      | wl                      | .1800000                                       | w2 .0900000  | w3                    | .0700000                                       | SF                                 | .0345898                                       | LFr                      | .7043886                                      |
| PRA                 | 1.0698520                                      | PRB                     | .9763410                                       | PRC 1.1542282  | L                     | .1297531                                       | min                                | .0782082                                       | max                      | .2722190                                      |
| Si                  | 2.849554                                       | SAB                     | 2.809588                                       | Sf 3.166182  | K                     | .0515449                                       | z                                  | .1424659                                       | m                        | .0700000                                      |
| n                   | .0900000                                       | gam                     | 24.443137                                      | b-al 20.170979   | the                   | 110.17100                                      | phi                                | 114.44316                                      | 2-LEV                    | EL THRUST                                     |
| N                   | 2.0000000                                      | Wl                      | .1800000                                       | w2 .0900000  | w3                    | .0700000                                       | SF                                 | .0345898                                       | LFr                      | .6681061                                      |
| PRA                 | 1.0717408                                      | PRB                     | .9700812                                       | PRC 1.2498803  | L                     | .0852280                                       | min                                | .0782082                                       | max                      | .2722190                                      |
| Si                  | 2.493352                                       | SAB                     | 2.611316                                       | Sf 3.166182  | K                     | .0070198                                       | z                                  | .1869910                                       | m                        | .0700000                                      |
| n                   | .0900000                                       | gam                     | 24.443137                                      | b-al 20.170979   | the                   | 110.17100                                      | phi                                | 114.44316                                      | 2-LEV                    | EL THRUST                                     |
| N<br>PRA<br>S1 ·    | 2.0000000<br>1.0200000<br>2.849542<br>.1000000 | vl<br>PRB<br>SAB<br>gam | .1800000<br>1.1006854<br>2.532576<br>26.632957 | w2 .1000000<br>PRC 1.1350587<br>Sf 3.164055<br>b-al 9.928032   | w3<br>L<br>K<br>the   | .0200000<br>.1134892<br>.0670454<br>99.928055  | SF<br>min<br>z<br>phi              | .0299359<br>.0464438<br>.1721866<br>116.63298  | LFr<br>mex<br>m<br>2-LEV | .6717253<br>.2856758<br>.0200000<br>EL THRUST |
| N                   | 2.0000000                                      | WI                      | .1800000                                       | w2 .1000000  | w3                    | .0300000                                       | SF                                 | .0310583                                       | LFr                      | .6782332                                      |
| PRA                 | 1.0300000                                      | PRB                     | 1.0735378                                      | PRC 1.1405995  | L                     | .1176148                                       | min                                | .0545050                                       | max                      | .2837370                                      |
| Si                  | 2.849559                                       | SAB                     | 2.584587                                       | Sf 3.164766  | K                     | .0631097                                       | z                                  | .1661223                                       | m                        | .0300000                                      |
| n                   | .1000000                                       | gem                     | 26.632957                                      | b-al 11.940427   | the                   | 101.94045                                      | phi                                | 116.63298                                      | 2-LEV                    | EL THRUST                                     |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.030000<br>3.799405<br>.1000000  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0417213<br>3.112092<br>26.632957 | w2 .1000000<br>PRC 1.0806823<br>Sf 3.165790<br>b-al 13.967897  | w3<br>L<br>K<br>the   | .0400000<br>.2403240<br>.1781240<br>103.96792  | SF<br>min<br>z<br>phi              | .0325670<br>.0622000<br>.0411080<br>.116.63298 | LFr<br>max<br>m          | .7700701<br>.2814320<br>.0400000              |

|                      |  |                         |  | ,   |                     |   |                       |   |         |   |
|----------------------|--|-------------------------|--|---|---------------------|---|-----------------------|---|---------|---|
| N                    | 2.0000000                                      | wl                      | .1800000                                       | w2 .1000000   | w3                  | .0400000                                      | SF                    | .0325670                                      | max .   | 6854134                                 |
| PRA                  | 1.0400000                                      | PRB                     | 1.0481879                                      | PRC 1.1452622   | L                   | .1215935                                      | min                   | .0622001                                      |         | 2814320                                 |
| Si                   | 2.849561                                       | SAB                     | 2.637169                                       | Sf 3.165790   | K                   | .0593935                                      | z                     | .1598386                                      |         | 0400000                                 |
| n                    | .1000000                                       | gam                     | 26.632957                                      | b-al 13.967897  | the                 | 103.96792                                     | phi                   | 116.63298                                     |         | THRUST                                  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0400000<br>3.561944<br>.1000000 | wl<br>PRB<br>SAB<br>gem | .1800000<br>1.0230956<br>3.046512<br>26.632957 | w2 .1000000<br>PRC 1.0783673<br>Sf 3.167207<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.2144776<br>.1449584<br>106.01341 | SF<br>min<br>z<br>phi | .0347166<br>.0695192<br>.0642736<br>116.63298 | max .   | 7614822<br>2787512<br>0500000           |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>2.849557<br>.1000000 | wl<br>PRB<br>SAB<br>gem | .1800000<br>1.0248281<br>2.690318<br>26.632957 | w2 .1000000 PRC 1.1487401 Sf 3.167207 b-al 16.013382          | w3<br>L<br>K<br>the | .0500000<br>.1254292<br>.0559100<br>106.01341 | SF<br>min<br>z<br>phi | .0347166<br>.0695192<br>.1533220<br>116.63298 | max .   | 6934548<br>2787512<br>0500000<br>THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>3.419460<br>.1000000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0048882<br>3.028973<br>26.632957 | w2 .1000000<br>PRC 1.0749555<br>Sf 3.169126<br>b-al 18.079681 | w3<br>L<br>K<br>the | .0600000<br>.2003651<br>.1239083<br>108.07970 | SF<br>min<br>z<br>phi | .0374327<br>.0764568<br>.0753237<br>116.63298 | max .   | 7602797<br>2756888<br>0600000           |
| N                    | 2.0000000                                      | wl                      | .1800000                                       | w2 *.1000000  | w3                  | .0600000                                      | SF                    | •0374327                                      | max .2  | 7022295                                 |
| PRA                  | 1.0599898                                      | PRB                     | 1.0037849                                      | PRC 1.1505770   | L                   | .1291275                                      | min                   | •0764568                                      |         | 2756888                                 |
| Si                   | 2.849560                                       | SAB                     | 2.743994                                       | Sf 3.169126   | K                   | .0526707                                      | z                     | •1465613                                      |         | 0600000                                 |
| n                    | .1000000                                       | gam                     | 26.632957                                      | b-al 18.079681  | the                 | 108.07970                                     | phi                   | 116•63298                                     |         | THRUST                                  |
| N                    | 2.0000000                                      | wl                      | .1800000                                       | w2 .1000000   | w3                  | .0600000                                      | SF                    | .0374327                                      | max .2  | 6607638                                 |
| PRA                  | 1.0616607                                      | PRB                     | .9931363                                       | PRC 1.266226  | L                   | .0782414                                      | min                   | .0764568                                      |         | 2756888                                 |
| Si                   | 2.442470                                       | SAB                     | 2.520110                                       | Sf 3.169126   | K                   | .0017846                                      | z                     | .1974474                                      |         | 0600000                                 |
| n                    | .1000000                                       | gam                     | 26.632957                                      | b-al 18.079681  | the                 | 108.07970                                     | phi                   | 116.63298                                     |         | THRUST                                  |
| N<br>PRA°<br>Si<br>n | 2.000000<br>1.060000<br>3.324471<br>.1000000   | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9884863<br>3.035744<br>26.632957  | w2 .1000000<br>PRC 1.0698608<br>Sf 3.171649<br>b-al 20.170979 | w3<br>L<br>K<br>the | .0700000<br>.1920490<br>.1090620<br>110.17100 | SF<br>min<br>z<br>phi | .0408945<br>.0829870<br>.0801700<br>116.63298 | max .2  | 632532<br>722190<br>700000              |
| N                    | 2.0000000                                      | wl                      | .1800000                                       | w2 .1000000   | w3                  | .0700000                                      | SF                    | .0408945                                      | max .2  | 118559                                  |
| PRA                  | 1.0698018                                      | PRB                     | .9857826                                       | PRC 1.1500043   | L                   | .1326847                                      | min                   | .0829870                                      |         | 722190                                  |
| Si                   | 2.849556                                       | SAB                     | 2.797722                                       | Sf 3.171649   | K                   | .0496977                                      | z                     | .1395343                                      |         | 700000                                  |
| n                    | .1000000                                       | gam                     | 26.632957                                      | b-al 20.170979  | the                 | 110.17100                                     | phi                   | 116.63298                                     |         | THRUST                                  |
| N                    | 2.0000000                                      | wl                      | .180000  | w2 .1000000   | w3                  | .0700000                                      | SF                    | .0408945                                      | max .2  | 733055                                  |
| PRA                  | 1.0708512                                      | PRB                     | .9776973                                       | PRC 1.2489532   | L                   | .0881596                                      | min                   | .0829870                                      |         | 722190                                  |
| Si                   | 2.493355                                       | SAB                     | 2.597374                                       | Sf 3.171649   | K                   | .0051726                                      | z                     | .1840594                                      |         | 700000                                  |
| n                    | .1000000                                       | gam                     | 26.632957                                      | b-al 20.170979  | the                 | 110.17100                                     | phi                   | 116.63298                                     |         | IHRUST                                  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0600000<br>3.799406<br>.1000000 | _                       | .1.800000<br>.9773799<br>3.328023<br>26.632957 | w2 .1000000<br>PRC 1.0619225<br>Sf 3.174930<br>b-al 22.290742 | w3<br>L<br>K<br>the | .0800000<br>.2548370<br>.1657369<br>112.29076 | SF<br>min<br>z<br>phi | .0451937<br>.0891002<br>.0134951<br>116.63298 | max .20 | 312082<br>683321<br>800000              |
| N                    | 2.0000000                                      | wl                      | •1.800000                                      | w2 .1000000   | w3                  | .0800000                                      | SF                    | .0451937                                      | max .26 | 690106                                  |
| PRA                  | 1.0700000                                      | PKB                     | •9753725                                       | PRC 1.0649268   | L                   | .1869907                                      | min                   | .0891002                                      |         | 683321                                  |
| Si                   | 3.256636                                       | SAB                     | *3•056638                                      | Sf 3.174930   | K                   | .0978906                                      | z                     | .0813414                                      |         | 800000                                  |
| n                    | .1000000                                       | gam                     | 26•632957                                      | b-al 22.290742  | the                 | 112.29076                                     | phi                   | 116.63298                                     |         | THRUST                                  |
| N                    | 2.0000000                                      | wl                      | .1800000                                       | w2 .1000000   | w3.                 | .0800000                                      | SF                    | .0451937                                      | max .26 | 223616                                  |
| PRA                  | 1.0792774                                      | PRB                     | .9720888                                       | PRC 1.1455817   | L                   | .1361046                                      | min                   | .0891002                                      |         | 583321                                  |
| Si                   | 2.849547                                       | SAB                     | 2.851033                                       | Sf 3.174930   | K                   | .0470045                                      | z                     | .1322275                                      |         | 800000                                  |
| n                    | .1000000                                       | gam                     | 26.632957                                      | b-al 22.290742  | the                 | 112.29076                                     | phi                   | 116.63298                                     |         | THRUST                                  |
| N                    | 2.0000000                                      | wl                      | .1800000                                       | w2 .1000000   | w3                  | .0800000                                      | SF                    | .0451937                                      | max .26 | 860819                                  |
| PRA                  | 1.0794520                                      | FRB                     | .9661347                                       | PRC 1.2316824   | L                   | .0965290                                      | min                   | .0891002                                      |         | 83321                                   |
| Si                   | 2.532942                                       | SAB                     | 2.668073                                       | Sf 3.174930   | K                   | .0074289                                      | z                     | .1718031                                      |         | 800000                                  |
| n                    | .1000000                                       | gam                     | 26.632957                                      | b-al 22.290742  | the                 | 112.29076                                     | phi                   | 116.63298                                     |         | HRUST                                   |

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|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849552<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.1183182<br>2.519457<br>28.865617 | PRC 1.13           | 100000 wj<br>254784 L<br>171096 K<br>928032 tl     | .1167717   | SF<br>min<br>z<br>phi  | .0374527<br>.0517058<br>.1689041<br>118.86564 | IFr<br>max<br>m<br>2-LEV  | .6797094<br>.2856758<br>.0200000<br>EL THRUST |
|---|---------------------|--|-------------------------|--|--------------------|--|--|------------------------|---|---------------------------|---|
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849554<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0902796<br>2.571459<br>28.865617 | PRC 1.1            | 313298 L<br>171807 K                               | .0300000<br>.1208954<br>.0611284<br>he 101.94045 | SF<br>min<br>z<br>phi  | .0385742<br>.0597670<br>.1628416<br>118.86564 | LFr<br>max<br>m<br>2-LEV  | .6861830<br>.2837370<br>.0300000<br>EL THRUST |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799416<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0558381<br>3.098972<br>28.865617 | PRC 1.05           | 1000000 w3<br>549959 L<br>172831 K<br>967897 ti    | .2436066<br>.1761446                             | SF<br>min<br>z<br>phi  | .0400839<br>.0674620<br>.0378255<br>118.86564 | LFr<br>max<br>m           | .7840462<br>.2814320<br>.0400000              |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849556<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0639299<br>2.624042<br>28.865617 | w2 .11<br>PRC 1.13 | 100000 w3<br>864835 L<br>172831 K<br>867897 th     | .1248741   | SF<br>min<br>z<br>phi  | .0400839<br>.0674620<br>.1565579<br>118.86564 | IFr<br>max<br>m<br>2-LEV  | .6933413<br>.2814320<br>.0400000<br>EL THRUST |
| o | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561940<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0369046<br>3.033385<br>28.865617 | PRC 1.05           | .00000 w3<br>333699 L<br>.74248 K<br>013382 th     | .2177582<br>.1429770                             | SF<br>min<br>z<br>phi  | .0422325<br>.0747812<br>.0609930<br>118.86564 | LFr<br>max<br>m           | •7739353<br>•278 <b>7</b> 512<br>•0500000     |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849553<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0393973<br>2.677191<br>28.865617 | PRC 1.14<br>Sf 3.1 | .00000 w3<br>.07223 L<br>.74248 K<br>.13382 th     | •1287098<br>•0539286                             | SF<br>min<br>z<br>phi  | .0422325<br>.0747812<br>.1500414<br>118.86564 | LFr<br>max<br>m<br>2-LEV  | .7013722<br>.2787512<br>.0500000<br>EL THRUST |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419455<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0178523<br>3.015846<br>28.865617 | PRC 1.05           | .00000 w3<br>10225 L<br>76167 K<br>79681 th        | .0600000<br>.2036457<br>.1219269<br>ne 108.07970 | SF<br>min<br>z<br>phi  | .0449495<br>.0817188<br>.0720431<br>118.86564 | LFr<br>max<br>m           | •7718277<br>•2756888<br>•0600000              |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0599779<br>2.849555<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0169059<br>2.730833<br>28.865617 | PRC 1.14           | 00000 w3<br>37404 L<br>76167 K<br>79681 th         | . 1324082<br>0506894                             | SF<br>min<br>z<br>phi  | .0449495<br>.0817188<br>.1432806<br>118.86564 | LFr<br>max<br>m<br>2-LEVF | .7101498<br>.2756888<br>.0600000<br>IL THRUST |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324481<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9999602<br>3.022624<br>28.865617  | PRC 1.05           | 00000 w3<br>16743 L<br>78690 K<br>70979 th         | .1953316<br>.1070826                             | SF<br>min<br>z·<br>phi | .0484104<br>.0882490<br>.0768874<br>118.86564 | IFr<br>max<br>m<br>2-LEVE | .7742138<br>.2722190<br>.0700000<br>IL THRUST |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0697367<br>2.849552<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9969767<br>2.784408<br>28.865617  | PRC 1.14           | 00000 w3<br>50651 L<br>78690 K<br>70979 th         | •1359654<br>•0477164                             | SF<br>min<br>z<br>phi  | .0484104<br>.0882490<br>.1362537<br>118.86564 | LFr<br>max<br>m<br>2-LEVE | .7197905<br>.2722190<br>.0700000<br>IL THRUST |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0698076<br>2.493350<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9870447<br>2.581644<br>28.865617  | PRC 1.24           | 00000 w3<br>74263 L<br>78690 K<br>70979 the        | .0914402<br>.0031912                             | SF<br>min<br>z<br>phi  | .0484104<br>.0882490<br>.1807788<br>118.86564 | m                         | .6789732<br>.2722190<br>.0700000<br>L THRUST  |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.799401<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9855202<br>3.314896<br>28.865617  | PRC 1.04           | 00000 w3<br>26286 L<br>31971 K<br>90742 the        | •2581177<br>•1637556                             | SF<br>min<br>z<br>phi  | .0527105<br>.0943621<br>.0102145<br>118.86564 | max                       | .8452196<br>.2683321<br>.0800000              |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.256631<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9841988<br>3.043510<br>28.865617  | PRC 1.06           | 00000 <b>w3</b><br>22791 L<br>B1971 K<br>90742 the | .0800000<br>.1902714<br>.0959093<br>e _112.29076 | SF<br>min<br>z<br>phi  | .0527105<br>.0943621<br>.0780608<br>118.86564 | max<br>m                  | •7795677<br>•2683321<br>•0800000<br>L THRUST  |
|   |                     |  |                         |  |                    |  |  |                        |   |                           |   |

|          |                   |               |                | •             |                     |                         |
|----------|-------------------|---------------|----------------|---------------|---------------------|-------------------------|
| N        | 2.0000000         | wl .1800000   | w2 .1100000    | .0800000      | SF .0527105         | LFr .7303286            |
| PRA      | 1.0791340         | PRB .980300   | PRC 1.1439325  | L .1393871    | min .0943621        | max .2683321            |
| Si       | 2.849557          | SAB 2.837500  |                | K .0450250    | z .1289450          | m <sup>®</sup> .0800000 |
| n        | .1100000          | gem 28.865617 | b-al 22.290742 | the 112.29076 | phi 118.86564       | 2-LEVEL THRUST          |
| N        | 2.0000000         | wl .180000    | w2 .1100000    | w3 .0800000   | SF .0527105         | LFr .6920309            |
| PRA      | 1.0783724         | PRB .9726466  |                | L .0998097    | min .0943621        | max .2683321            |
| Si       | 2.532937          | SAB 2.65221   | _              | к .0054475    | z .1685225          | m .0800000              |
| n        | .1100000          | gam 28.865617 |                | the 112.29076 | phi 118.86564       | 2-LEVEL THRUST          |
| 10       | 2.0000000         | wl .1800000   | w2 .1100000    | w3 .0900000   | SF .0579224         | LFr .8454237            |
| N<br>PRA | 1.0700000         | PRB .9739527  |                | T .5/1/1/1/50 | min 1000408         | max .2640108            |
| Si       | 3.663704          | SAB 3.302397  |                | к .1444012    | z .0195688          | m .0900000              |
| n        | .1100000          | gam 28.865617 |                | the 114.44316 | phi 118.86564       |                         |
| N        | 2.0000000         | wl .1800000   | v2 .1100000    | w3 .0900000   | SF .0579224         | LFr .7871142            |
| PRA      | 1.0800010         | PRB .9718790  |                | L .1871967    | min .1000408        | max .2640108            |
| Si       | 3.205742          | SAB 3.073418  |                | K .0871559    | z .0768141          | m .0900000              |
| n        | .1100000          | gam 28.865617 |                | the 114.44316 | phi 118.86564       | 2-LEVEL THRUST          |
| N        | 2.0000000         | wl .1800000   | w2 .1100000    | w3 .0900000   | SF .0579224         | IFr .7417631            |
| PRA      | 1.0881411         | PRB .9680357  |                | L .1426735    | min .1000408        | max .2640108            |
| Si       | 2.849556          | SAB 2.890025  |                | K .0426327    | z .1213373          | m .0900000              |
| n        | .1100000          | gam 28.865617 | b-al 24.443137 | the 114.44316 | phi 118.86564       | 2-LEVEL THRUST          |
| N        | 2.0000000         | wl .1800000   | w2 .1100000    | w3 .0900000   | SF .0579224         | IFr .7054815            |
| PRA      | 1.0865102         | PRB .9623450  |                | L .1070538    | min .1000408        | max .2640108            |
| Si       | 2.564598          | SAB 2.718247  | Sf 3.186213    | K .0070129    | z .1569571          | m .0900000              |
| n        | 1100000           | gam 28.865617 | b-al 24.443137 | the 114.44316 | phi 118.86564       | 2-LEVEL THRUST          |
| N        | 2.0000000         | wl .1800000   | w2 .1200000    | w3 .0200000   | SF .0463371         | LFr .6881380            |
| PRA      | 1.0200000         | PRB 1.1359356 | PRC 1.1177162  | L .1204338    | min .0574814        | max .2856758            |
| S1       | 2.849552          | SAB 2.504807  | Sf 3.180238    | K •0629524    | z • 1652420         | m .0200000              |
| n        | .1200000          | gam 31.147322 | b-al 9.928032  | the 99.928055 | phi 121.14734       | 2-LEVEL THRUST          |
| N        | 2.0000000         | wl .1800000   | w2 .1200000    | w3 .0300000   | SF .0474587         | LFr .6945973            |
| PRA      | 1.0300000         | PRB 1.1070173 | PRC 1.1238382  | L .1245575    | min .0655427        | max .2837370            |
| Si       | 2.849553          | SAB 2.556810  | Sf 3.180949    | K •0590149    | z .1591 <b>7</b> 95 | .m .0300000             |
| n        | .1 <b>2</b> 00000 | gam 31.147322 | b-al 11.940427 | the 101.94045 | phi 121.14734       | 2-LEVEL THRUST          |
| N        | 2.0000000         | wl .1800000   | w2 .1200000    | w3 .0400000   | SF .0489683         | LFr .7985029            |
| PRA      | 1.0300000         | PRB 1.0702912 |                | L .2472668    | min .0732377        | max .2814320            |
| Si       | 3.799400          | SAB 3.084315  | Sf 3.181972    | K .1740291    | z .0341653          | m .0400000              |
| n        | .1200000          | gam 31.147322 | b-al 13.967897 | the 103.96792 | phi 121.14734       |                         |
| N        | 2,0000000         | wl .1800000   | w2 .1200000    | w3 .0400000   | SF .0489683         | LFr .7017527            |
| PRA      | 1.0400000         | PRB 1.0797203 | PRC 1.1293945  | L .1285362    | min .0732377        | max .2814320            |
| Si       | 2.849556          | SAB 2.609393  | Sf 3.181972    | к .0552986    | z .1528958          | m .0400000              |
| n        | .1200000          | gam 31.147322 | b-al 13.967897 | the 103.96792 | phi 121.14734       | 2-LEVEL THRUST          |
| N        | 2.0000000         | . wl1800000   | w2 .1200000    | w3 .0500000   | SF .0511170         | IFr .7868910            |
| PRA      | 1.0400000         | PRB 1.0511857 | PRC 1.0302907  | L .2214203    | min .0805568        | max .2787512            |
| Si       | 3.561939          | SAB 3.018736  | Sf 3.183390    | K .1408635    | z .0573309          | m .0500000              |
| n        | .1200000          | gam 31.147322 | b-al 16.013382 | the 106.01341 | phi 121.14734       |                         |
| N        | 2.0000000         | wl .1800000   | w2 .1200000    | w3 •0500000   | SF .0511170         | IFr .7097931            |
| PRA      | 1.0500000         | PRB 1.0541320 | PRC 1.1342228  | L .1323719    | min .0805568        | max .2787512            |
| Si       | 2.849552          | SAB 2.662542  | Sf 3.183390    | K .0518151    | z .1463793          | m .0500000              |
| n        | .1200000          | gam 31.147322 | b-al 16.013382 | the 106.01341 | phi 121.14734       | 2-LEVEL THRUST          |
| N        | 2.0000000         | wl .1800000   | w2 .1200000    | w3 .0600000   | SF .0538340         | LFr .7839003            |
| PRA      | 1.0500000         | PRB 1.0315215 | PRC 1.0289105  | L .2073097    | min .0874944        | max .2756888            |
| Si       | 3.419470          | SAB 3.001205  | Sf 3.185309    | K .1198153    | z .0683791          | m .0600000              |
| n        | .1200000          | gam 31.147322 | b-al 18.079681 | the 108.07970 | phi 121.14734       | 2-LEVEL THRUST          |
|          |                   |               |                |               |                     |                         |

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|----------------|------------------------------------|------------------|-----------------------------------|--|----------------|----------------------------------|----------------|----------------------------------|-------------------------|----------------------------------|
| N<br>PRA<br>S1 | 2.0000000<br>1.0599580<br>2.849554 | wl<br>PRB<br>SAB | .1800000<br>1.0304292<br>2.716127 | w2 .12000<br>PRC 1.13810<br>• Sf 3.185 | 077 L °        | .0600000<br>.1360703<br>.0485759 | SF<br>min<br>z | .0538340<br>.0874944<br>.1396185 | LFr<br>max<br>m         | .7185927<br>.2756888<br>.0600000 |
| n              | .1200000                           | gam              | 31.147322                         | b-al 18.0790                           | 681 the        | 108.07970                        | phi            | 121.14734                        | 2-LEV                   | /EIL THRUST                      |
| N.             | 2.00000000                         | wl               | .1800000                          | w2 .12000<br>PRC 1.0466                |                | .0700000                         | SF<br>min      | .0572949                         | LFr                     | .7857151<br>.2722190             |
| PRA<br>Si      | 1.0600000<br>3.324481              | PRB              | 1.0125467<br>3.007975             | Sf 3.1878                              |                | .1049691                         | Z              | .0732253                         | 'n                      | .0700000                         |
| n              | .1200000                           | gam              | 31.147322                         | b-al 20.1709                           |                | 110.17100                        | phi            | 121.14734                        |                         | VEL THRUST                       |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              | 000 w3         | .0700000                         | SF             | .0572949                         | LFr                     | .7282686                         |
| PRA            | 1.0696523                          | PRB              | 1.0090424                         | PRC 1.14072                            |                | .1396275                         | min            | .0940246                         | XBM                     | .2722190                         |
| Si             | 2.849551                           | SAB              | 2.769519                          | Sf 3.1878                              |                | .0456028                         | Z              | .1325916                         | m<br>O TES              | •0700000                         |
| n              | 1200000                            | gam              | 31.147322                         | b-al 20.1709                           |                | 110.17100                        | phi            | 121.14734                        | 100                     | /EL THRUST                       |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              | -              | .0700000                         | SF             | 0572949                          | LFr                     | .6851826                         |
|                | 1.0685812                          | PRB              | .9971748                          | PRC 1.24689                            |                | 0951023                          | min            | .0940246                         | max<br>m                | .2722190                         |
| Si             | 2,493350                           | SAB              | 2.563937<br>31.147322             | Sf 3.1878<br>b-al 20.1709              |                | .0010777                         | z<br>phi       | 121.14734                        |                         | EL THRUST                        |
| n              | .1200000                           | gam              |                                   |  |                | - DR TE                          |                | 170                              |                         |                                  |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              |                | .0800000                         | SF<br>min      | .0615950<br>.1001378             | LFr<br>max              | .8597937<br>.2683321             |
| PRA<br>S1      | 1.0600000<br>3.799401              | PRB<br>SAB.      | •9955859<br>3•300246              | PRC 1.02308<br>Sf 3.1913               |                | .2617798<br>.1616420             | Z              | .0065523                         | m                       | .0800000                         |
| n              | .1200000                           | gam.             | 31.147322                         | b-al 22.2907                           |                | 112.29076                        | phi            | 121.14734                        |                         | •0000000                         |
| **             | •1200000                           | Som              | JI OIT JULE                       | V-001 21:270                           | 12 0220        | 2220                             | F              |                                  |                         |                                  |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              |                | .0800000                         | SF             | .0615950                         | LFr                     | .7906857                         |
| PRA            | 1.0700000                          | PRB              | •9950132                          | PRC 1.0588                             |                | •1939335                         | min            | .1001378                         | max                     | .2683321                         |
| Si             | . 3.256630                         | SAB              | 3.028861                          | Sf 3.1911                              |                | •0937957                         | Z              | .0743986                         | יים די כי<br>סיים די כי | .0800000<br>EL THRUST            |
| n              | .1200000                           | gem              | 31.147322                         | b-al 22.2907                           | 42 the         | 112.29076                        | phi            | 121.14734                        | ∠ <b>=</b> 1.E.V        | EL THROST                        |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              |                | .0800000                         | SF             | .0615950                         | LFr                     | .7388554                         |
| PRA            | 1.0789608                          | PRB              | •9903984                          | PRC 1.14161                            |                | .1430493                         | min            | .1001378                         | max                     | .2683321                         |
| Si             | 2.849556                           | SAB              | 2.822363                          | Sf 3.1911                              | 1 .            | .0429115                         | Z              | .1252829<br>121.14734            | m<br>O Terv             | .0800000<br>EL THRUST            |
| n              | .1200000                           | gam              | 31.147322                         | b-al 22.2907                           | 42 the         | 112.29076                        | phi            | TCT-THIDA                        | ∠=1.10.¥                | EL TH/OUT                        |
| , N            | 2.0000000                          | wl               | .1800000                          | w2 .12000                              | 000 w3         | .0800000                         | SF             | .0615950                         | LFr                     | .6985426                         |
| PRA            | 1.0771142                          | PRB              | .9810475                          | PRC 1.23473                            |                | .1034718                         | min            | .1001378                         | max                     | .2683321                         |
| Si             | 2.532937                           | SAB              | 2.634375                          | Sf 3.1911                              |                | .0033340                         | Z              | .1648604                         | m<br>O THU              | .0800000                         |
| n              | .1200000                           | gam              | 31.147322                         | b-al 22.2907                           | 42 the         | 112.29076                        | phi            | 121.14734                        | ∠-L6¥                   | EL THRUST                        |
| N              | .2.0000000                         | wl               | .1800000                          | w2 .12000                              | .w3            | .0900000                         | SF             | .0668068                         | LFr                     | 8591986                          |
| PRA            | 1.0700000                          | PRB              | .9815655                          | PRC 1.01828                            |                | .2481041                         | min            | .1058165                         | max                     | .2640108                         |
| Si             | 3.663703                           | SAB              | 3.287747                          | Sf 3.1953                              |                | .1422877                         | z              | .0159067                         | m                       | .0900000                         |
| n              | .1200000                           | .gam             | 31.147322                         | b-al 24.4431                           | 37 the         | .114.44316                       | phi            | 121.14734                        |                         |                                  |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              | 00 w3          | .0900000                         | SF             | .0668068                         | LFr                     | .7979736                         |
| PRA            | 1.0799996                          | PRB              | •9797631                          | PRC 1.06623                            | 28 L           | .1908589                         | min            | .1058165                         | max                     | .2640108                         |
| Si             | 3.205741                           | SAB              | 3.058764                          | Sf 3.1953                              |                | .0850424                         | z              | .0731520                         | m                       | .0900000                         |
| n              | .1200000                           | gam              | 31.147322                         | b-al 24.4431                           | 37 the         | 114.44316                        | phi            | 121.14734                        | 2-IEV                   | EL THRUST                        |
| и.             | 2.0000000                          | wl               | .1800000                          | w2 .12000                              | 00 <b>w</b> 3  | .0900000                         | SF             | .0668068                         | LFr                     | .7503548                         |
| PRA            | 1.0878654                          | PRB              | .9750686                          | PRC 1.14000                            | 81 L           | .1463356                         | min            | .1058165                         | max                     | ·2640108                         |
| Si             | 2.849556                           | SAB              | 2.874590                          | Sf 3.1953                              |                | .0405192                         | Z              | .1176752                         | m                       | •0900000                         |
| n              | .1200000                           | gam              | 31.147322                         | b-al 24.4431                           | 37 the         | 114.44316                        | phi            | 121.14734                        | 2=LEV.                  | EL THRUST                        |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              | 00 <b>w</b> 3  | .0900000                         | SF             | .0668068                         | LFr                     | .7122593                         |
| PRA            | 1.0851879                          | PRB              | .9677729                          | PRC 1.22278                            |                | .1107159                         | min            | .1058165                         | max                     | 2640108                          |
| Si             | 2.564598                           | SAB              | 2.700207                          | Sf 3.1953                              | 55 K           | .0048994                         | z              | .1532950                         | m                       | .0900000                         |
| n              | .1200000                           | gam              | 31.147322                         | b-al 24.4431                           | 37 the         | 114.44316                        | phi            | 121.14734                        | 2-LEV                   | EL THRUST                        |
| N              | 2.0000000                          | wl               | .1800000                          | w2 .12000                              | 00 w3          | .1000000                         | SF             | .0730972                         | LFr                     | .8626480                         |
| PRA            | 1.0800000                          | PRB              | 9707246                           | PRC 1.01088                            | 34 L           | .2385368                         | min            | .1110377                         | max                     | 2592320                          |
| Si             | 3.561946                           | SAB              | 3.292754                          | Sf 3.2008                              |                | .1274992                         | Z              | .0206952                         | m                       | .10000000                        |
| n              | .1200000                           | gam              | 31.147322                         | b-al 26.6329                           | 57 <b>t</b> he | 116.63298                        | phi            | 121.14734                        |                         |                                  |
|                |                                    |                  |                                   |  |                |                                  |                | 48                               |                         |                                  |

| 12         |                        |            | • • • • • •                    | N                 |                             |                |                               |           |                       |               |                       |
|------------|------------------------|------------|--------------------------------|-------------------|-----------------------------|----------------|-------------------------------|-----------|-----------------------|---------------|-----------------------|
| N<br>PRA   | 2.0000000<br>1.0898676 | wl<br>PRE  | .1800000<br>.9682512           |                   | 1200000<br>0682944          | w3<br>L        | .1000000<br>.1890640          | SF<br>min | •0730972<br>•1110377  | LFr           | .8072157<br>.2592320  |
| Si         | 3.166163               | SAB        | 3.094443                       | Sf 3              | .200822                     | K              | .0780264                      | Z         | 0701680               | m             | .1000000              |
| n          | .1200000               | gam        | 31.147322                      | b-al 26           | •632957                     | the            | 116.63298                     | phi       | 121.14734             | 2-LE          | VEL THRUST            |
| N          | 2.0000000              | wl         | .1800000                       | _                 | 1200000                     | w3             | .1000000                      | SF        | .0730972              | LFr           | .7628737              |
| PRA        | 1.0963966              | PRB        | .9641855                       |                   | 1344440                     | L              | .1494885                      | min       | ·1110377              | max           | •2592320              |
| Si<br>n    | 2.849559<br>.1200000   | SAB        | 2.926293                       | Sf 3<br>b-al 26   | .200822<br>.632957          | K<br>the       | .0384508<br>116.63298         | z<br>phi  | .1097436<br>121.14734 | m<br>2-IE     | .1000000              |
|            |                        |            |                                | 11 <u>-</u> 4.    |                             |                | ,                             |           |                       |               |                       |
| N<br>PRA   | 2.0000000<br>1.0929530 | wl<br>PRB  | .1800000<br>.9587126           |                   | 1200000<br>2084063          | w3<br>L        | .1000000<br>.1171055          | SF<br>min | .0730972<br>.1110377  | . LFr<br>max  | .7265902              |
| Si         | 2.590495               | SAB        | 2.762867                       |                   | .200822                     | ĸ              | .0060678                      | 2         | .1421265              | m             | .2592320              |
| n          | .1200000               | gam        | 31.147322                      | b-al 26           | .632957                     | the            | 116.63298                     | phi       | 121.14734             | 2-LE          | VEL THRUST            |
| N          | 2.0000000              | wl         | .1800000                       | w2 .:             | 1300000                     | w3             | .0200000                      | SF        | .0567751              | LFr           | .6970749              |
| PRA        | 1.0200000              | PRB        | 1.1535332                      |                   | 1120679                     | L              | .1245136                      | min       | .0638076              | max           | .2856758              |
| S <b>1</b> | 2.849550<br>.1300000   | SAB        | 2.488487<br>33.485349          | -                 | .192249                     | K              | .0607060                      | Z         | .1611621              | m ·           | .0200000              |
| n          | •150000                | gam        | 22•4072 <del>49</del>          | b-al 9            | •928032                     | the            | 99.928055                     | phi       | 123.48537             | \عبا⊷2        | EL THRUST             |
| N          | 2.0000000              | wl         | .1800000                       |                   | 1300000                     | w3             | .0300000                      | SF        | .0578976              | LFr           | .7035418              |
| PRA<br>Si  | 1.0300000<br>2.849552  | PRB<br>SAB | 1.1237297<br>2.540489          |                   | 1184439<br>192960           | L<br>K         | •1286373<br>•0567685          | min       | .0718689<br>.1550997  | max           | .2837370              |
| n          | .1300000               | gam        | 33.485349                      | b-al 11.          | 7 7                         | the            | 101.94045                     | z<br>phi  | 123.48537             | m<br>2-LEV    | EL THRUST             |
| 1.7        | 0.0000000              | 7          | 3.000000                       |                   | 700000                      |                | alianana                      | •         |                       |               | 0.75.00               |
| N<br>PRA   | 2.0000000<br>1.0300000 | wl<br>PRB  | .1800000<br>1.0850577          | -                 | 1300000<br>0101 <b>7</b> 24 | <b>w3</b><br>L | .0400000<br>.2513466          | SF<br>min | .0594063<br>.0795639  | LFr<br>max    | .8135128<br>.2814320  |
| Si         | 3.799398               | SAB        | 3.067994                       | -                 | 193983                      | ĸ              | .1717827                      | Z         | .0300854              | m             | 0400000               |
| n          | •1300000               | gam        | 33.485349                      | b-al 13.          | .967897                     | the            | 103.96792                     | phi       | 123.48537             |               |                       |
| N          | 2.0000000              | wl         | .1800000                       | w2 .I             | 1.300000                    | w3             | .0400000                      | SF        | .0594063              | LFr           | •7107153              |
| PRA        | 1.0400000              | PRB        | 1.0955078                      |                   | L243527                     | L              | .1326161                      | min       | .0795639              | max           | .2814320              |
| Si<br>n    | 2.849554<br>.1300000   | SAB        | 2.593072<br>33.485349          | Sf 3.<br>b-al 13. | ,193983<br>,967897          | K<br>the       | .0530522<br>103.96792         | z<br>phi  | .1488160<br>123.48537 | m.<br>2_⊺ਜ਼ਾਪ | O400000<br>TEL THRUST |
| -          | • 1,00000              | 9          | -                              | 0-u, 1),          | 1,010,1                     | VIII           |                               | · Print   | ±47•40771             | Z-1111 V      | III III(OOI           |
| N<br>PRA   | 2.0000000              | wl<br>PRB  | .1800000<br>1.0658670          | -                 | 1300000                     | <b>w</b> 3     | .0500000                      | SF        | .0615559              | LFr           | .8004198              |
| Si         | 3.561937               | SAB        | 3.002415                       |                   | 093 <b>799</b><br>195401    | L<br>K         | .2255001<br>.13861 <b>7</b> 1 | min<br>z  | .0868830<br>.0532511  | max<br>m      | .2787512<br>.0500000  |
| n          | .1300000 .             | gem        | 33.485349                      | b-al 16.          |                             | the            | 106.01341                     | phi       | 123.48537             | _             | ,                     |
| N          | 2.0000000              | wl         | .1800000                       | w2 .1             | .300000                     | w3             | •0500000                      | SF        | •0615559              | LFr           | <b>.</b> 7187862      |
| PRA        | 1.0500014              | PRB        | 1.0689243                      |                   | 296703                      | L              | .1364517                      | min       | .0868830              | max           | .2787512              |
| Si<br>n    | 2.849550<br>.1300000   | SAB        | 2.646225<br>33.485349          | Sf 3.<br>b-al 16. | 195401                      | K              | .0495687                      | Z         | .1422995<br>123.48537 | m<br>O TEST   | .0500000              |
| **         | •170000                | Ram        | JJ•40JJ <del>4</del> 9         | D=all 10.         | 019902                      | the            | 106.01341                     | phi       | 127,40771             | ∠112.         | EL THRUST             |
| N<br>PRA   | 2.0000000              | wl         | .1800000                       |                   | 300000                      | <b>w</b> 3     | .0600000                      | SF        | .0642719              | LFr           | .7965641              |
| si         | 1.0500000<br>3.419468  | PRB<br>SAB | 1.045 <b>7</b> 158<br>2.984884 |                   | 243419<br>19 <b>7</b> 319   | L<br>K         | .2113896<br>.11 <b>7</b> 5689 | min<br>z  | .0938206<br>.0642993  | max<br>m      | .2756888<br>.0600000  |
| n          | .1300000               | gam        | 33.485349                      | b-al 18.          |                             | the            | 108.07970                     | phi       | 123.48537             |               | EL THRUST             |
| N          | 2.0000000              | wl         | .1.800000                      | w2 .1             | 300000                      | w3             | .0600000                      | SF        | .0642719              | lFr           | .7276287              |
| PRA        | 1.0599268              | PRB        | 1.0441557                      | PRC 1.1           | 342337                      | L              | .1401501                      | min       | .0938206              | max           | .2756888              |
| Si<br>n    | 2.849553<br>.1300000   | SAB        | 2.699717                       |                   | 197319                      | K              | .0463294                      | z         | •1355387              | m             | •0600000              |
| 11         | •±)00000               | gam        | 33.485349                      | b-al 18.          | 019001                      | the            | 108.07970                     | phi       | 123.48537             | 2=LEVI        | el thrust             |
| N          | 2.0000000              | wl         | .1800000                       |                   | 300000                      | w3             | .0700000                      | SF        | .0677338              | LFr           | .7978306              |
| PRA<br>Si  | 1.0600000<br>3.324479  | PRB<br>SAB | 1.0258114<br>2.991654          |                   | 4267 <b>6</b> 6<br>199842   | L<br>K         | .2030735<br>.1027227          | min<br>z  | •1005509<br>•0691455  | max           | .27221.90             |
| n          | .1300000               | gam        | 33.485349                      | b-al 20.          |                             |                | 110.17100                     | z<br>phi  | 123.48537             | m<br>2-leve   | .0700000<br>IL THRUST |
| N          | 2.0000000              | wl         | .1800000                       | w2 .1             | 300000                      | <b>w</b> 3     | •0700000                      | SF        | •0677338              | LFr           | •737361.0             |
| PRA        | 1.0695442              | PRB        | 1.0215739                      | PRC 1.1           | 378104                      | L<br>L         | .1437073                      | min       | •100 <b>3</b> 509     | max           | .2722190              |
| Si         | 2.849549               | SAB        | 2.752890                       | -                 | 199842                      | K              | •0433564                      | z, .      | .1285117              | m             | .0700000              |
| n          | •1300000               | gam        | 33.485349                      | b-al 20.          | 170979                      | the            | 110.17100                     | phi       | 123.48537             | 2-LEVE        | il Thrust             |

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| N<br>PRA<br>S1<br>n | 2.0000000<br>1.060000<br>3.799399<br>.1300000  | wl .1800000<br>PRB 1.0067963<br>SAB 3.283925<br>gam 33.485349 | w2 .1300000<br>PRC 1.0045355<br>Sf 3.203124<br>b-al 22.290742 | w3 .0800000<br>L .2658596<br>K .1593956<br>the 112.29076 | SF .0720339<br>min .1064640<br>z .0024725<br>phi 123.48537 | 1Fr .8750038<br>max .2683321<br>m .0800000 |
|---------------------|--|---|---|--|--|--|
| N                   | 2.0000000                                      | vi .1800000   | w2 .1300000   | w3 .0800000  | SF .0720339  | IFr .8024407                               |
| PRA                 | 1.0700000                                      | PRB 1.0069051   | PRC 1.0559718   | L .1980133°  | min .1064640   | max .2683321                               |
| Si                  | 3.256629                                       | SAB 3.012540  | Sf 3.203124   | K .0915493   | z .0703188   | m .0800000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 22.290742  | the 112.29076  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .0800000  | SF .0720339  | LFr .7480183                               |
| PRA                 | 1.0787514                                      | PRB 1.0014589   | PRC 1.1400892   | L .1471291   | min .1064640   | max .2683321                               |
| Si                  | 2.849555                                       | SAB 2.805445 •  | Sf 3.203124   | K .0406651   | z .1212031   | m .0800000                                 |
| n                   | .1300000                                       | gem 33.485349   | b-al 22.290742  | the 112.29076  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .0800000  | SF .0720339  | LFr .7056894                               |
| PRA                 | 1.0756438                                      | PRB .9903407  | PRC 1.2371683   | L .1075516   | min .1064640   | max .2683321                               |
| Si                  | 2.532935                                       | SAB 2.614329  | Sf 3.203124   | K .0010876   | z .1607806   | m .0800000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 22.290742  | the 112.29076  | phi 123.48537  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.663717<br>.1300000 | wl .1800000<br>PRB .9912683<br>SAB 3.271434<br>gem 33.485349  | w2 .1300000<br>PRC 1.0014578<br>Sf 3.207365<br>b-al 24.443137 | w3 .0900000<br>L .2521858<br>K .1400432<br>the l14.44316 | SF .0772457<br>min .1121427<br>z .0118250<br>phi 123.48537 | LFr .8736324<br>max .2640108<br>m .0900000 |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .0900000  | SF .0772457  | IFr .8094902                               |
| PRA                 | 1.0799960                                      | PRB .9896794  | PRC 1.0652048   | L .1949387   | min .1121427   | max .2640108                               |
| Si                  | 3.205740                                       | SAB 3.042432  | Sf 3.207365   | K .0827960   | z .0690722   | m .0900000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 24.443137  | the 114.44316  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .0900000  | SF .0772457  | LFr .7596035                               |
| PRA                 | 1.0875410                                      | PRB .9841187  | PRC 1.1406129   | L .1504154   | min .1121427   | max .2640108                               |
| Si                  | 2.849554                                       | SAB 2.857345  | Sf 3.207365   | K .0382728   | z .1135954   | m .0900000                                 |
| n                   | .1300000                                       | gem 33.485349   | b-al 24.443137  | the 114.44316  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.000000                                       | wl .1800000   | w2 .1300000   | w3 .0900000  | SF .0772457  | IFr .7196941                               |
| PRA                 | 1.0836534                                      | PRB .9752296  | PRC 1.2271984   | L .1147957   | min .1121427   | max .2640108                               |
| Si                  | 2.564596                                       | SAB 2.679951  | Sr 3.207365   | K .0026530   | z .1492151   | m .0900000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 24.443137  | the 114.44316  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .1000000  | SF .0835362  | IFr .8765345                               |
| PRA                 | 1.0800000                                      | PRB .9777727  | PRC 1.0028796   | L .2426167   | min .1173639   | max .2592320                               |
| Si                  | 3.561944                                       | SAB 3.276434  | Sf 3.212832   | K .1252528   | z .0166154   | m .1000000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 26.632957  | the 116.63298  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .1000000  | SF .0835362  | IFr .8185825                               |
| PRA                 | 1.0898216                                      | PRB .9751009  | PRC 1.0704668   | L .1931439   | min .1173639   | max .2592320                               |
| Si                  | 3.166162                                       | SAB 3.077976  | Sf 3.212832   | K .0757800   | z .0660882   | m .1000000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 26.632957  | the 116.63298  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .1000000  | SF .0835362  | LFr .7722244                               |
| PRA                 | 1.0959506                                      | PRB .9700933  | PRC 1.1386113   | L .1535683   | min .1173639   | max .2592320                               |
| Si                  | 2.849557                                       | SAB 2.908701  | Sf 3.212832   | K .0362044   | z .1056638   | m .1000000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 26.532957  | the 116.63298  | phi 123.48537  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .1000000  | SF .0835362  | IFr .7342920                               |
| PRA                 | 1.0913363                                      | PRB .9630857  | PRC 1.2164631   | L .1211853   | min .1173639   | max .2592320                               |
| Si                  | 2.590494                                       | SAB 2.742358  | Sf 3.212832   | K .0038214   | z .1380467   | m .1000000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 26.632957  | the 116.63298  | phi 123.48537  | 2~LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1300000   | w3 .1100000  | SF .0910502  | LFr .8826914                               |
| PRA                 | 1.0900000                                      | PRB .9676463  | PRC 1.0104030   | L .2357407   | min .1221019   | max .2539700                               |
| Si                  | 3.482783                                       | SAB 3.293271  | Sf 3.219873   | K .1136388   | z .0182293   | m .1100000                                 |
| n                   | .1300000                                       | gam 33.485349   | b-al 28.865617  | the 118.86564  | phi 123.48537  | 2-LEVEL THRUST                             |

|                     |  |   | •   |                     |  |                       |  |   |
|---------------------|--|---|---|---------------------|--|-----------------------|--|---|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0992860<br>3.134501<br>.1300000 | wl .1800000<br>PRB .9646518<br>SAB 3.116891<br>gam 33.485349  | PRC 1.0708943<br>Sf 3.219873                                  | w3<br>L<br>K<br>the | .1100000<br>.1922054<br>.0701036<br>118.86564  | SF<br>min<br>z<br>phi | .0910502<br>.1221019<br>.0617 <i>6</i> 46<br>123.48537 | LFr .8294773 · max .2539700 m .1100000 2-LEVEL THRUST         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1040425<br>2.849558<br>.1300000 | wl .1800000<br>PRB .9605309<br>SAB 2.959683<br>gam 33.485349  | PRC 1.1326149<br>Sf 3.219873                                  | w3<br>L<br>K<br>the | .1100000<br>.1565876<br>.0344858<br>118.86564  | SF<br>min<br>z<br>phi | .0910502<br>.1221019<br>.0973824<br>123.48537          | LFr .7859411<br>max .2539700<br>m .1100000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0988231<br>2.612086<br>.1300000 | wl .1800000<br>PRB .9552342<br>SAB 2.802606<br>gam 33.485349  | PRC 1.2027266<br>Sf 3.219873                                  | w3<br>L<br>K<br>the | .1100000<br>.1269035<br>.0048017<br>118.86564  | SF<br>min<br>z<br>phi | .0910502<br>.1221019<br>.1270665<br>123.48537          | LFr .7496586<br>max .2539700<br>m .1100000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849548<br>.1400000 | wl .1800000<br>PRB 1.1711220<br>SAB 2.470326<br>gam 35.888000 | PRC 1.1089876<br>Sf 3.208360                                  | w3<br>L<br>K<br>the | .0200000<br>.1290531<br>.0583269*<br>99.928055 | SF<br>min<br>z<br>phi | .0689888<br>.0707263<br>.1566226<br>125.88802          | LFr .7066078<br>max .2856758<br>m .0200000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849550<br>.1400000 | wl .1800000<br>PRB 1.1404143<br>SAB 2.522329<br>gam 35.888000 | PRC 1.1156167<br>Sf 3.209071                                  | w3<br>L<br>K<br>the | .0300000<br>.1331768<br>.0543893<br>101.94045  | SF<br>min<br>z<br>phi | .0701113<br>.0787875<br>.1505602<br>125.88802          | LFr .7131071<br>max .2837370<br>m .0300000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799411<br>.1400000 | wl .1800000<br>PRB 1.1001366<br>SAB 3.049842<br>gem 35.888000 | PRC .9914982<br>Sf 3.210095                                   | w3<br>L<br>K<br>the | .0400000<br>.2558880<br>.1694055<br>103.96792  | SF<br>min<br>z<br>phi | .0716200<br>.0864825<br>.0255440<br>125.88802          | IFr .8291683<br>max .2814320<br>m .0400000.                   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849552<br>.1400000 | wl .1800000<br>PRB 1.1112678<br>SAB 2.574912<br>gam 35.888000 | w2 .1400000<br>PRC 1.1218552<br>Sf 3.210095<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.1371555<br>.0506730<br>103.96792  | SF<br>min<br>z<br>phi | .0716200<br>.0864825<br>.1442765<br>125.88802          | LFr .7203226°<br>max .2814320<br>m .0400000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561935<br>.1400000 | wl .1800000<br>PRB 1.0809224<br>SAB 2.984254<br>gam 35.888000 | w2 .1400000<br>PRC .9955871<br>Sf 3.211512<br>b-al 16.013382  | w3<br>L<br>K<br>the | .0500000<br>.2300396<br>.1362379<br>106.01341  | SF<br>min<br>z<br>phi | .0737696<br>.0938017<br>.0487116<br>125.88802          | LFr .8146143<br>max .2787512<br>m .0500000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500006<br>2.849548<br>.1400000 | wl .1800000<br>PRB 1.0837214<br>SAB 2.628062<br>gam 35.888000 | w2 .1400000<br>PRC 1.1276032<br>Sf 3.211512<br>b-el 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.1409912<br>.0471896<br>106.01341  | SF<br>min<br>z<br>phi | .0737696<br>.0938017<br>.1377600<br>125.88802          | LFr .7284451<br>mex .2787512<br>m .0500000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419466<br>.1400000 | wl .1800000<br>PRB 1.0602859<br>SAB 2.966723<br>gam 35.888000 | w2 .1400000<br>PRC 1.0215720<br>Sf 3.213431<br>b-al 18.079681 | w3<br>L<br>K<br>the | .0600000<br>.2159290<br>.1151898<br>108.07970  | SF<br>min<br>z<br>phi | .0764856<br>.1007393<br>.0597598<br>125.88802          | IFr .8099184<br>max .2756888<br>m .0600000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0598803<br>2.849550<br>.1400000 | wl .1800000<br>PRB 1.0579749<br>SAB 2.681424<br>gam 35.888000 | w2 .1400000<br>PRC 1.1327346<br>Sf 3.213431<br>b-al 18.079681 | w3<br>L<br>K<br>the | .0600000<br>.1446896<br>.0439503°              | SF<br>min<br>z<br>phi | .0764856<br>.1007393<br>.1309992<br>125.88802          | IFr .7373543<br>max .2756888<br>m .0600000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324477<br>.1400000 | wl .1800000<br>PRB 1.0395139<br>SAB 2.973494<br>gam 35.888000 | w2 .1400000<br>PRC 1.0404290<br>Sf 3.215954<br>b-al 20.170979 | w3<br>L<br>K<br>the | .0700000<br>.2076130<br>.1003435<br>110.17100  | SF<br>min<br>z<br>phi | .0799475<br>.1072695<br>.0646060<br>125.88802          | IFr .8106594<br>max .2722190<br>m .0700000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0694068<br>2.849547<br>.1400000 | w1 .1800000<br>PRB 1.0343552<br>SAB 2.734338<br>gam 35.888000 | w2 .1400000<br>PRC 1.1370719<br>Sf 3.215954<br>b-al 20.170979 | w3<br>L<br>K<br>the | .0700000<br>.1482468<br>.0409773               | SF<br>min<br>z<br>phi | .0799475<br>.1072695<br>.1239722<br>125.88802          | IFr .7471657<br>max .2722190<br>m .0700000<br>2-LEVEL THRUST  |

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| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | w3         | .0800000              | SF        | .0842476              | LFr                                    | .8149319              |
|----------|------------------------|------------|-----------------------|------------|-------------------------|------------|-----------------------|-----------|-----------------------|--|-----------------------|
| PRA      | 1.0700000              | PRB        | 1.0194397             | PRC        | 1.0545915               | Ĺ          | .2025528              | min       | .1133826              | max                                    | .2683321              |
| Si       | 3.256626               | SAB        | 2.994380              | Sf         | 3.219235                | K          | .0891702              | z         | .0657793              | m                                      | •0800000              |
| n        | •1400000               | gam        | 35.888000             | b-al       | 22.290742               | the        | 112.29076             | phi       | 125.88802             | 2-LEV                                  | VEL THRUST            |
| **       | • •••••                | 1          | 1900000               |            | .1400000                | 7          | .0800000              | SF        | .0842476              | LFr                                    | •7579184              |
| N<br>PRA | 2.0000000<br>1.0784986 | wl<br>PRB  | .1800000<br>1.0130453 | w2<br>PRC  | 1.1403937               | w3<br>L    | .1516686              | min       | .1133826              | max                                    | .2683321              |
| Si       | 2.849552               | SAB        | 2.786564              | Sf         | 3.219235                | ĸ          | .0382859              | z         | .1166636              | m                                      | .0800000              |
| n        | .1400000               | gam        | 35.888000             | b-al       |                         | the        | 112.29076             | phi       | 125.88802             |  | VEL THRUST            |
|          | <b>32</b> / <b>333</b> | 0          | <b>3</b> ,•000000     |            |                         |            |                       |           |                       |  |                       |
| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | w3         | .0900000              | SF        | .0894594              | LFr                                    | .8888264              |
| PRA      | 1.0700000              | PRB        | 1.0022246             | PRC        | .9886417                | L          | .2567253              | min       | .1190613              | max                                    | .26401.08             |
| Si       | 3.663715               | SAB        | 3.253274              | Sf         | 3.223477                | K          | .1376640              | Z         | .0072855              | m<br>O Ten                             | .0900000              |
| n        | •1400000               | gam        | 35.888000             | b-al       | 24.443137               | the        | 114.44316             | phi       | 125.88802             | ا تابا⇔ک                               | VEL THRUST            |
| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | w3         | .0900000              | SF        | .0894594              | LFr                                    | .8217697              |
| PRA      | 1.0799884              | PRB        | 1.0006960             | PRC        | 1.0651333               | Ľ          | .1994801              | min       | .1190613              | max                                    | .2640108              |
| Si       | 3.205753               | SAB        | 3.024256              | Sf         | 3.223477                | K          | .0804187              | z         | .0645308              | m                                      | .0900000              |
| n        | .1400000               | gam        | 35.888000             | b-al       | 24.443137               | the        | 114.44316             | phi       | 125.88802             | 2-LEV                                  | EL THRUST             |
|          | 0 0000000              | 2          | 1000000               | 0          | a lucación o            | 7          | 0000000               | CTO       | 090/150/1             | LFr                                    | .7696142              |
| N<br>PRA | 2.0000000<br>1.0871596 | wl<br>PRB  | .1800000<br>.9942157  | w2<br>PRC  | .1400000<br>1.1423959   | w3<br>L    | .0900000<br>.1549549  | SF<br>min | .0894594<br>.1190613  | max                                    | 2640108               |
| Si       | 2.849552               | SAB        | 2.838098              | Sf         | 3.223477                | ĸ          | ·1749749<br>•0358936  | Z         | •1090559              | m                                      | .0900000              |
| n        | •1400000°              | gam        | 35.888000             | b-al       |                         | the        | 114.44316             | phi       | 125.88802             |  | EL THRUST             |
|          | •1-100000              | Pozn       | <b>)</b> ,•000000     | D-QI       | 21011/22/               | 0110       | 22.1611,720           | P         |                       | +                                      |                       |
| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | w3         | .0900000              | SF        | .0894594              | LFr                                    | .7278900              |
| PRA      | 1.0818661              | PRB        | .9836700              | PRC        | 1.2332466               | L          | •1193352              | min       | .1190613              | mex                                    | .2640108              |
| Si       | 2.564594               | SAB        | 2.657206              | Sf         | 3.223477                | K          | .0002739              | z         | •1446757              | m                                      | .0900000              |
| n        | .1400000               | gam        | 35.888000             | b-al       | 24.443137               | the        | 114.44316             | phi       | 125.88802             | 2-1EV                                  | EL THRUST             |
| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | w3         | .1000000              | SF        | •0957499              | LFr                                    | .8912039              |
| PRA      | 1.0800000              | PRB        | 9870271               | PRC        | 1.0040236               | L          | .2471562              | min       | .1242826              | max                                    | .2592320              |
| Si       | 3.561942               | SAB        | 3.258273              | Sf         | 3.228944                | K          | .1228736              | Z         | .0120759              | m                                      | .1000000              |
| n        | .1400000               | gam        | 35.888000             | b-al       | 26.632957               | the        | 116.63298.            | phi       | 125.88802             | 2-LEV                                  | EL THRUST             |
| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | w3         | .1000000              | SF        | .0957499              | LFr                                    | .8307352              |
| PRA      | 1.0897623              | PRB        | .9840727              | PRC        | 1.0724165               | L          | .1976853              | min       | 1242826               | max                                    | •2592320              |
| Si       | 3.166175               | SAB        | 3.059637              | Sf         | 3.228944                | ĸ          | .0734027              | z         | .0615468              | m                                      | .1000000              |
| n        | .1400000               | gam        | 35.888000             | b-al       | 26.632957               | the        | 116.63298             | phi       | 125.88802             | 2-LEV                                  | EL THRUST             |
|          |                        |            |                       |            | •                       |            |                       |           |                       |  |                       |
| N        | 2.0000000              | MJ         | .1800000              | w2         | .1400000                | <b>w</b> 3 | .1000000              | SF        | •0957499              | LFr                                    | .7823591              |
|          | 1.0954343              | PRB        | 9781432               |            | 1.1426157<br>3.228944   | L          | .1581078              | min       | .1242826              | max                                    | .2592320              |
| Si       | 2.849555<br>.1400000   | SAB<br>gam | 2.889069<br>35.888000 | Sf<br>h-el | 26.632957               | K<br>the   | .0338252<br>116.63298 | z<br>phi  | .1011243<br>125.88802 | m<br>O.T.FV                            | .1000000<br>EL THRUST |
| **       | •1400000               | Ram        | )) <b>.</b> 00000     | u=a⊥       | 20.072771               | 0116       | 110.07290             | PILL      | 12),00002             | ۷ تلیا,=ے                              | TIT/OOT               |
| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | <b>w</b> 3 | .1000000              | SF        | .0957499              | LFr                                    | .7427797              |
| PRA      | 1.0894660              | PRB        | •9696145              | PRC        | 1.2246005               | L          | •1257267              | min       | .1242826              | max                                    | 2592320               |
| Si       | 2.590506               | SAB        | 2.719362              | Sf         | 3.228944                | Κ.         | ·0014445              | Z         | ·1335053              | m                                      | .1000000              |
| n        | .1400000 ,             | gam        | 35.888000             | b-al       | 26.632957               | the        | 116.63298             | phi       | 125.88802.            | 2-LEV                                  | EL THRUST             |
| N        | 2.0000000              | wl         | .1800000              | w2         | .1400000                | w3         | .1100000              | SF        | .1032639              | LFr                                    | .8970003              |
| PRA      | 1.0900000              | PRB        | .9739761              | PRC        | 1.0144537               | L          | .2402802              | min       | .1290205              | mex                                    | .2539700              |
| Si       | 3.482780               | SAB        | 3.275111              | Sf         | 3.235985                | ĸ          | 1112597               | Z         | .0136899              | m                                      | .1100000              |
| n        | .1400000               | gem        | 35.888000             | b-al       | 28.865617               | the        | 118.86564             | phi       | 125.88802             | 2-LEV                                  | el thrust             |
| N        | 0 0000000              | * 67       | 1000000               |            | 11.0000                 | _          | 1100000               | ~         | 2070/70               |  | 01.5                  |
| N<br>PRA | 2.0000000<br>1.0991459 | wl         | .1800000              | w2         | .1400000                | <b>w</b> 3 | .1100000              | SF        | .1032639              | LFr                                    | 8415728               |
| Si.      | 3.134514               | PRB<br>SAB | .9704667<br>3.098300  | PRC<br>Sf  | 1.0762232<br>3.235985   | L<br>K     | .1967468<br>.0677263  | min<br>z  | •1290205              | max                                    | .2539700<br>.1100000  |
| n        | .1400000               | gan        | 35.888000             |            | 28.865617               | the        | 118.86564             | z<br>phi  | .0572232<br>125.88802 | m<br>2-LEV                             | EL THRUST             |
|          | 00000                  | Down       | J/#000000 /           | J-01       | -0.00\01                | OHG        | 220 #00 /OT           | P.11T     |                       | ************************************** |                       |
| N        | 2.0000000              | wl         | .1800000              | <b>w</b> 2 | .1400000                | w3         | .11,00000             | SF        | .1032639              | LFr                                    | .7962198              |
| PRA      | 1.1033901              | PRB        | <b>.</b> 9653637      |            | 1.1 <sup>1</sup> 102970 | L          | .1611271              | min       | ·1290205              | max                                    | •2539700              |
| Si       | 2.849556               | SAB        | 2.939663              |            | 3.235985                | K          | .0321066              | Z,        | .0928429              | m                                      | .1100000              |
| n        | •1400000               | gam        | 35.888000             | b-al       | 28.865617               | _ the      | 118.86564             | phi       | 125.88802             | 2-LEV                                  | EL THRUST             |
|          |                        |            |                       |            |                         |            |                       |           |                       |  |                       |

|                     | 6  |   |  |  |  |  |
|---------------------|--|---|--|--|--|--|
| N                   | 2.0000000                                      | wl .1800000   | w2 .1400000  | w3 .1100000  | SF .1032639  | IFr .7584248                               |
| PRA                 | 1.0968610                                      | PRB .9585834  | PRC 1.2146134  | L *.1314430  | min .1290205   | max .2539700                               |
| Si                  | 2.612083                                       | SAB 2.779320  | Sf 3.235985  | K *.0024225  | z .1225270   | m .11.00000                                |
| n                   | .1400000                                       | gam 35°.888000  | b-al 28.865617   | the 118.86564  | phi 125.88802  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1400000  | w3 .1200000  | SF .1121502  | LFr .9056034                               |
| PRA                 | 1.0999504                                      | PRB .9644571  | PRC 1.0195398  | L .2352524   | min .1332449   | max .2481944                               |
| Si                  | 3.419465                                       | SAB 3.300233  | Sf 3.245127  | K .1020075   | z .0129420   | m .1200000                                 |
| n                   | .1400000                                       | gam 35.888000   | b-al 31.147322   | the 121.14734  | phi 125.88802  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1400000  | w3 .1200000  | SF .1121502  | IFr .8541489                               |
| PRA                 | 1.1081263                                      | PRB .9611616  | PRC 1.0755337  | L .1963940   | min .1332449   | max .2481944                               |
| Si                  | 3.108598                                       | SAB 3.139144  | Sf 3.245127  | K .0631491   | z .0518004   | m .1200000°                                |
| n                   | .1400000                                       | gam 35.888000   | b-al 31.147322   | the 121.14734  | phi 125.88802  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1400000  | w3 .1200000  | SF .1121502  | IFr .8112707                               |
| PRA                 | 1.1111087                                      | PRB .9570517  | PRC 1.1339905  | L .1640129   | min .1332449   | max .2481944                               |
| Si                  | 2.849550                                       | SAB 2.990108  | Sf 3.245127  | K .0307680   | z .0841815   | m .1200000                                 |
| n                   | .1400000                                       | gam 35.888000   | b-al 31.147322   | the 121.14734  | phi 125.88802  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1400000  | w3 .1200000  | SF .1121502  | IFr .7749901                               |
| PRA                 | 1.1041798                                      | PRB .9518955  | PRC 1.2012694  | L .1366139   | min .1332449   | max .2481944                               |
| Si                  | 2.630357                                       | SAB 2.837932  | Sf 3.245127  | K .0033690   | z .1115805   | m .1200000                                 |
| n                   | .1400000                                       | gam 35.888000   | b-al 31.147322   | the 121.14734  | phi 125.88802  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1500000  | w3 .0200000  | SF .0832481  | LFr .7168417                               |
| PRA                 | 1.0200000                                      | PRB 1.1887292   | PRC 1.1092592  | L .1341114   | min .0782973   | max .2856758                               |
| Si                  | 2.849555                                       | SAB 2.450101  | Sf 3.230724  | K .0558141   | z .1515644   | m .0200000                                 |
| n                   | .1500000                                       | gam 38.366264   | b-al 9.928032  | the 99.928055  | phi 128.36628  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1500000  | w3 .0300000  | sF .0843706  | IFr .7233963                               |
| PRA                 | 1.0300000                                      | PRB 1.1570856   | PRC 1.1161556  | L .1382351   | min .0863586   | max .2837370                               |
| Si                  | 2.849557                                       | SAB 2.502104  | Sf 3.231435  | K .0518766   | z .1455019   | m .0300000                                 |
| n                   | .1500000                                       | gam 38.366264   | b-al 11.940427   | the 101.94045  | phi 128.36628  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799404<br>.1500000 | wl .1800000<br>PRB 1.1155481<br>SAB 3.029609<br>gam 38.366264 | w2 .1500000<br>PRC .9759514<br>Sf 3.232459<br>b-al 13.967897 | w3 .0400000<br>L .2609444<br>K .1668908<br>the 103.96792 | sr .0858793<br>min .0940536<br>z .0204877<br>phi 128.36628 | IFr .8455715<br>max .2814320<br>m .0400000 |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1500000  | w3 .0400000  | SF .0858793  | . LFr .7306786                             |
| PRA                 | 1.0400000                                      | PRB 1.1269974   | PRC 1.1227261  | L .1422119   | min .0940536   | max .2814320                               |
| Si                  | 2.849544                                       | SAB 2.554679  | Sf 3.232459  | K .0481584   | z .1392201   | m .0400000                                 |
| n                   | .1500000                                       | gam 38.366264   | b-al 13.967897   | the 103.96792  | phi 128.36628  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1500000  | w3 .0500000  | SF .0880280  | LFr .8295889                               |
| PRA                 | 1.0400000                                      | PRB 1.0963213   | PRC .9951834   | L .2350979   | min .1013727   | max .2787512                               |
| Si                  | 3.561943                                       | SAB 2.964029  | Sf 3.233877  | K .1337252   | z .0436533   | m .0500000                                 |
| n                   | .1500000                                       | gam 38.366264   | b-al 16.013382   | the 106.01341  | phi 128.36628  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1500000  | w3 .0500000  | SF .0880280  | LFr .7388840                               |
| PRA                 | 1.0499958                                      | PRB 1.0984982   | PRC 1.1288751  | L .1460495   | min .1013727   | max .2787512                               |
| Si                  | 2.849556                                       | SAB 2.607823  | Sf 3.233877  | K* .0446768  | z .1327017   | m .0500000                                 |
| n                   | .1500000                                       | gam 38.366264   | b-al 16.013382   | the 106.01341  | phi 128.36628  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1500000  | w3: .0600000   | SF .0907450  | IFr .8240757                               |
| PRA                 | 1.0500000                                      | PRB 1.0751376   | PRC 1.0214379  | L .2209854   | min .1083103   | max .2756888 .                             |
| S1                  | 3.419459                                       | SAB 2.946490  | Sf 3.235795  | K .1126751   | z .0547034   | m .0600000                                 |
| n                   | .1500000                                       | gam 38.366264   | b-al 18.079681   | the 108.07970  | phi 128.36628  | 2-LEVEL THRUST                             |
| N                   | 2.0000000                                      | wl .1800000   | w2 .1500000  | w3 .0600000  | SF .0907450  | IFr .7478857                               |
| PRA                 | 1.0598129                                      | PRB 1.0718262   | PRC 1.1345161  | L .1497479   | min .1083103   | max .2756888                               |
| Si                  | 2.849558                                       | SAB , 2.661007  | Sf 3.235795  | K .0414375   | z .1259409   | m .0600000                                 |
| n                   | .1500000                                       | gam 38.366264   | b-al 18.079681   | the 108.07970  | phi 128.36628  | 2-LEVEL THRUST                             |

at .

|   |                         |  |                         |  |                          |   |                      |   |                       | •   |          |   |
|---|-------------------------|--|-------------------------|--|--------------------------|---|----------------------|---|-----------------------|---|----------|---|
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0600000<br>3.324485<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0535207<br>2.953269<br>38.366264 | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.0408148<br>3.238318<br>20.170979  | w3<br>L<br>K<br>the  | .0700000<br>.2126713<br>.0978308<br>110.17100 | SF<br>min<br>z<br>phi | .0942068<br>.1148405<br>.0595477<br>128.36628 | max<br>m | .8243208<br>.2722190<br>.0700000<br>IL THRUST |
| 2 | N<br>PRA<br>S1<br>n     | 2.0000000<br>1.0692328<br>2.849555<br>.1500000 | wl<br>PRB<br>SAB<br>gem | .1800000<br>1.0472661<br>2.713617<br>38.366264 | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.1394987<br>3.238318<br>20.170979  | w3<br>L<br>K<br>the  | .0700000<br>.1533051<br>.0384645<br>110.17100 | SF<br>min<br>z<br>phi | .0942068<br>.1148405<br>.1189140<br>128.36628 | max<br>m | .7578039<br>.2722190<br>.0700000<br>L THRUST  |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0700000<br>3.256634<br>.1500000 | wl<br>PRB<br>SAB<br>gem | .1800000<br>1.0323896<br>2.974155<br>38.366264 | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.0557284<br>3.241600<br>22.290742  | w3<br>L<br>K<br>the  | .0800000<br>.2076111<br>.0866574<br>112.29076 | SF<br>min<br>z<br>phi | .0985060<br>.1209537<br>.0607210<br>128.36628 | max<br>m | .8282814<br>.2683321<br>.0800000<br>L THRUST  |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0781940<br>2.849545<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0249297<br>2.765463<br>38.366264 | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.1436616<br>3.241600<br>22.290742  | w3<br>L<br>K<br>the  | .0800000<br>.1567249<br>.0357713<br>112.29076 | SF<br>min<br>z<br>phi | .0985060<br>.1209537<br>.1116072<br>128.36628 | max<br>m | .7686749<br>.2683321<br>.0800000<br>L THRUST  |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0700000<br>3.663707<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0140250<br>3.233041<br>38.366264 | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>.9900735<br>3.245841<br>24.443137   | w3<br>L<br>K<br>the  | .0900000<br>.2617817<br>.1351493<br>114.44316 | SF<br>min<br>z<br>phi | .1037178<br>.1266324<br>.0022291<br>128.36628 | max<br>m | .9048996<br>.2640108<br>.0900000<br>L THRUST  |
|   | N PRA<br>PRA<br>Si<br>n | 2.0000000<br>1.0799756<br>3.205745<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0123714<br>3.003981<br>38.366264 | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.0673093<br>3.245841<br>24.443137  | w3<br>L<br>K<br>the  | .0900000<br>.2045364<br>.0779041<br>114.44316 | SF<br>min<br>z<br>phi | .1037178<br>.1266324<br>.0594744<br>128.36628 | max<br>m | .8349285<br>.2640108<br>.0900000<br>L THRUST  |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0867109<br>2.849544<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0049002<br>2.816585<br>38.366264 | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.1467835<br>3.245841<br>24.443137  | w3<br>L<br>K<br>the  | .0900000<br>.1600113<br>.0333790<br>114.44316 | SF<br>min<br>z<br>phi | .1037178<br>.1266324<br>.1039995<br>128.36628 | max<br>m | .7805052<br>.2640108<br>.0900000<br>L THRUST  |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0800000<br>3.561950<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9975339<br>3.238048<br>38.366264  | w2<br>PRC<br>Sf<br>.b-al | .150000<br>1.0065774<br>3.251308<br>26.632957   | w3<br>.L<br>K<br>the | .1000000<br>.2522144<br>.1203609<br>116.63298 | SF<br>min<br>z<br>phi | .1100082<br>.1318536<br>.0070176<br>128.36628 | max<br>m | .9067860<br>.2592320<br>.1000000<br>L THRUST  |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0896869<br>3.166167<br>.1500000 | wl<br>PRB<br>SAB<br>gem | .1800000<br>.9941954<br>3.039164<br>38.366264  | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.0760494<br>3.251308<br>26.632957  | w3<br>L<br>K<br>the  | .1000000<br>.2027416<br>.0708881<br>116.63298 | SF<br>min<br>z<br>phi | .1100082<br>.1318536<br>.0564904<br>128.36628 | max<br>m | .8437948<br>.2592320<br>.1000000              |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0948355<br>2.849547<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9873158<br>2.867129<br>38.366264  | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.1485630<br>3.251308<br>26.632957  | w3<br>L<br>K<br>the  | .1000000<br>.1631642<br>.0313106<br>116.63298 | SF<br>min<br>z<br>phi | .1100082<br>.1318536<br>.0960679<br>128.36628 | max<br>m | .7934036<br>.2592320<br>.1000000<br>. THRUST  |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.090012<br>3.482788<br>.1500000  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9825309<br>3.254889<br>38.366264  | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.0188617<br>3.258349<br>28.865617  | w3<br>L<br>K<br>the  | .1100000<br>.2453385<br>.1087469<br>118.86564 | SF<br>min<br>z<br>phi | .1175232<br>.1365915<br>.0086316<br>128.36628 | max<br>m | 9122486<br>2539700<br>1100000<br>THRUST       |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.0989787<br>3.134506<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9785010<br>3.077543<br>38.366264  | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.0820125<br>3.258349<br>28.865617  | w3<br>L<br>K<br>the  | .1100000<br>.2018032<br>.0652117<br>118.86564 | SF<br>min<br>z<br>phi | .1175232<br>.1365915<br>.0521668<br>128.36628 | max .    | .8546009<br>.2539700<br>.1100000<br>.THRUST   |
|   | N<br>PRA<br>Si<br>n     | 2.0000000<br>1.1026406<br>2.849548<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9724512<br>2.917293<br>38.366264  | w2<br>PRC<br>Sf<br>b-al  | .1500000<br>1.1485494<br>3.258349*<br>28.865617 | w3<br>L<br>K<br>the  | .1100000<br>.1661835<br>.0295920<br>118,86564 | SF<br>min<br>z<br>phi | .1175232<br>.1365915<br>.0877865<br>128.36628 | max .    | .8074341<br>.2539700<br>.1100000<br>. THRUST  |

|    |                     |  |   | •   |                     |   |                       | 9   |                          |  |
|----|---------------------|--|---|---|---------------------|---|-----------------------|---|--------------------------|--|
|    | N<br>PRA<br>Si ®    | 2.0000000<br>1.0999261<br>3.419458<br>.1500000 | wl .1800000<br>PRB .9699082<br>SAB 3.279916<br>gam 38.366264  | w2 .1500000<br>PRC 1.0271197<br>Sf 3.267491<br>b-al 31.147322 | w3<br>L<br>K<br>the | .1200000<br>.2403088<br>.0994929<br>121.14734 | SF<br>min<br>z<br>phi | .1264095<br>.1408159<br>.0078856<br>128.36628 | LFr<br>max<br>m<br>2-LEV | .9206352<br>.2481944<br>.1200000<br>/EL THRUST |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1500000   | w3                  | .1200000                                      | SF                    | .1264095                                      | LFr                      | .8672037                                       |
|    | PRA                 | 1.1078522                                      | PRB .9659641  | PRC 1.0848457   | L                   | .2014523                                      | min                   | .1408159                                      | max                      | .2481944                                       |
|    | Si                  | 3.108606                                       | SAB 3.118067  | Sf 3.267491   | K                   | .0606364                                      | z                     | .0467421                                      | m                        | .1200000                                       |
|    | n                   | .1500000                                       | gam 38.366264   | b-al 31.147322  | the                 | 121.14734                                     | phi                   | 128.36628                                     | 2-LEV                    | VEL THRUST                                     |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1500000   | w3                  | .1200000                                      | SF                    | .1264095                                      | LFr                      | .8226767                                       |
|    | PRA                 | 1.1102129                                      | PRB .9608550  | PRC 1.1460158   | L                   | .1690712                                      | min                   | .1408159                                      | max                      | .2481944                                       |
|    | Si                  | 2.849557                                       | SAB 2.967330  | Sf 3.267491   | K                   | .0282553                                      | z                     | .0791232                                      | m                        | .1200000                                       |
|    | n                   | .1500000                                       | gam 38.366264   | b-al 31.147322  | the                 | 121.14734                                     | phi                   | 128.36628                                     | 2-LEV                    | /EL THRUST                                     |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1500000   | w3                  | .1200000                                      | SF                    | .1264095                                      | LFr                      | .7849980                                       |
|    | PRA                 | 1.1018186                                      | PRB .9542498  | PRC 1.2179128   | L                   | .1416702                                      | min                   | .1408159                                      | max                      | .2481944                                       |
|    | Si                  | 2.630349                                       | SAB 2.81.1487   | Sf 3.267491   | K                   | .0008543                                      | z                     | .1065242                                      | m                        | .1200000                                       |
|    | n                   | .1500000                                       | gam 38.366264   | b-al 31.147322  | the                 | 121.14734                                     | phi                   | 128.36628                                     | 2-LEV                    | /EL THRUST                                     |
| ,  | N                   | 2.0000000                                      | wl .1800000   | w2 .1500000   | w3                  | .1300000                                      | SF                    | .1368580                                      | LFr                      | .9315748                                       |
|    | PRA                 | 1.1095691                                      | PRB .9612194  | PRC 1.0306664   | L                   | .2365875                                      | min                   | .1444897                                      | max                      | .2418681                                       |
|    | Si                  | 3.367658                                       | SAB 3.310299  | Sf 3.279501   | K                   | .0920979                                      | z                     | .0052806                                      | m                        | .1300000                                       |
|    | n                   | .1500000                                       | gam 38.366264   | b-al 33.485349  | the                 | 123.48537                                     | phi                   | 128.36628                                     | 2-LEV                    | EL THRUST                                      |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1500000   | w3                  | .1300000                                      | · SF                  | .1368580                                      | LFr                      | .8815498                                       |
|    | PRA                 | 1.1163707                                      | PRB .9578056  | PRC 1.0834585   | L                   | .2015076                                      | min                   | .1444897                                      | max                      | .2418681                                       |
|    | Si                  | 3.087018                                       | SAB 3.160226  | Sf 3.279501   | K                   | .0570179                                      | z                     | .0403606                                      | m                        | .1300000                                       |
|    | n                   | .1500000                                       | gam 38.366264   | b-al 33.485349  | the                 | 123.48537                                     | phi                   | 128.36628                                     | 2-LEV                    | EL THRUST                                      |
| 51 | N                   | 2.0000000                                      | wl .1800000   | w2 .1500000   | w3                  | .1300000                                      | SF                    | .1368580                                      | LFr                      | .8392191                                       |
|    | PRA                 | 1.1176490                                      | PRB .9537317  | PRC 1.1395533   | L                   | .1718235                                      | min                   | .1444897                                      | max                      | .2418681                                       |
|    | Si                  | 2.849546                                       | SAB 3.017498  | Sf 3.279501   | K                   | .0273339                                      | z                     | .0700446                                      | m                        | .1300000                                       |
|    | n                   | .1500000                                       | gam 38.366264   | b-al 33.485349  | the                 | 123.48537                                     | phi                   | 128.36628                                     | 2-LEV                    | EL THRUST                                      |
| •  | N                   | 2.0000000                                      | wl .1800000   | w2 .1500000   | w3                  | .1300000                                      | SF                    | .1368580                                      | LFr                      | .8029385                                       |
|    | PRA                 | 1.1091040                                      | PRB .9486867  | PRC 1.2048369   | L                   | .1463814                                      | min                   | .1444897                                      | max                      | .2418681                                       |
|    | Si                  | 2.646009                                       | SAB 2.869173  | Sf 3.279501   | K                   | .0018917                                      | z                     | .0954867                                      | m                        | .1300000                                       |
|    | n                   | .1500000                                       | gam 38.366264   | b-al 33.485349  | the                 | 123.48537                                     | phi                   | 128.36628                                     | 2-LEV                    | EL THRUST                                      |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1600000   | w3                  | .0200000                                      | SF                    | .0998993                                      | LFr                      | .7278938                                       |
|    | PRA                 | 1.0200000                                      | PRB 1.2063921   | PRC 1.1144387   | L                   | .1397495                                      | min                   | .0865851                                      | max                      | .2856758                                       |
|    | Si                  | 2.849553                                       | SAB 2.427546  | Sf 3.263715   | K                   | .0531644                                      | z                     | .1459262                                      | m                        | .0200000                                       |
|    | n                   | .1600000                                       | gam 40.932521   | b-al 9.928032   | the                 | 99.928055                                     | phi                   | 130.93254                                     | 2-LEV                    | EL THRUST                                      |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1600000   | w3                  | .0300000                                      | SF                    | .1010218                                      | IFr                      | .7345371                                       |
|    | PRA                 | 1.0300000                                      | PRB 1.1737667   | PRC 1.1216370   | L                   | .1438732                                      | min                   | .0946464                                      | max                      | .2837370                                       |
|    | Si                  | 2.849555                                       | SAB 2.479549  | Sf 3.264426   | K                   | .0492269                                      | z                     | .1398638                                      | m                        | .0300000                                       |
|    | n                   | .1600000                                       | gam 40.932521   | b-al 11.940427  | the                 | 101.94045                                     | phi                   | 130.93254                                     | 2-LEV                    | EL_THRUST                                      |
|    | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799401<br>.1600000 | wl .1800000<br>PRB 1.1313245<br>SAB 3.007054<br>gem 40.932521 | w2 .1600000<br>PRC .9646853<br>Sf 3.265449<br>b-al 13.967897  | w3<br>L<br>K<br>the | .0400000<br>.2665825<br>.1642411<br>103.96792 | SF<br>min<br>z<br>phi | .1025305<br>.1023414<br>.0148495<br>130.93254 | IFr<br>max<br>m          | .8628569<br>.2814320<br>.0400000               |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1600000   | w3                  | .0400000                                      | SF                    | .1025305                                      | LFr                      | .7419186                                       |
|    | PRA                 | 1.0400000                                      | PRB 1.1427063   | PRC 1.1285532   | L                   | .1478520                                      | min                   | .1023414                                      | max                      | .2814320                                       |
|    | Si                  | 2.849557                                       | SAB 2.532132  | Sf 3.265449   | K                   | .0455106                                      | z                     | .1335801                                      | m                        | .0400000                                       |
|    | n                   | .1600000                                       | gam 40.932521   | b-al 13.967897  | the                 | 103.96792                                     | phi                   | 130.93254                                     | 2-LEVE                   | IL THRUST                                      |
|    | N                   | 2.0000000                                      | wl .1800000   | w2 .1600000   | w3                  | .0500000                                      | SF                    | .1046791                                      | LFr                      | .8454723                                       |
|    | PRA                 | 1.0400000                                      | PRB 1.1120184   | PRC .9987445  | L                   | .2407360                                      | min                   | .1096605                                      | max                      | .2787512                                       |
|    | Si                  | 3.561940                                       | SAB 2.941474  | Sf 3.266867   | K                   | .1310755                                      | z                     | .0380152                                      | m                        | .0500000                                       |
|    | n                   | .1600000                                       | gam 40.932521   | b-al 16.013382  | <b>t</b> he         | 106.01341                                     | phi                   | 130.93254                                     | 2-LEVE                   | EL THRUST                                      |
|    |                     |  |   |   |                     |   |                       |   |                          |  |

| N<br>PRA<br>Si | 2.0000000<br>1.0499828<br>2.849553             | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.1132458<br>2.585231<br>40.932521 | w2 .1600000<br>PRC 1.1351178<br>Sf 3.266867<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.1516876<br>.0420271<br>106.01341 | SF<br>min<br>z<br>phi | .1046791<br>.1096605<br>.1270636<br>130.93254 | IFr .7502327<br>max .2787512<br>m .0500000<br>2-LEVEL THRUST |
|----------------|--|-------------------------|--|---|---------------------|---|-----------------------|---|--|
| N<br>PRA<br>Si | 2.0000000<br>1.0500000<br>3.419471<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0902249<br>2.923943<br>40.932521 | w2 .1600000<br>PRC 1.0254191<br>Sf 3.268785<br>b-al 18.079681 | w3<br>L<br>K<br>the | .0600000<br>.2266255<br>.1100273<br>108.07970 | SF<br>min<br>z<br>phi | .1073961<br>.1165981<br>.0490633              | LFr .8391752<br>max .2756888<br>m .0600000<br>2-LEVEL THRUST |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .0600000                                      | SF                    | .1073961                                      | IFr .7593546   |
| PRA            | 1.0597185                                      | PRB                     | 1.0856810                                      | PRC 1.1412460   | L                   | .1553860                                      | min                   | .1165981                                      | max .2756888   |
| Si             | 2.849556                                       | SAB                     | 2.638183                                       | Sf 3.268785   | K                   | .0387879                                      | z                     | .1203028                                      | m .0600000   |
| n              | .1600000                                       | gem                     | 40.932521                                      | b-al 18.079681  | the                 | 108.07970                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N<br>PRA<br>Si | 2.0000000<br>1.0600000<br>3.324482<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0677605<br>2.930714<br>40.932521 | w2 .1600000<br>PRC 1.0453800<br>Sf 3.271308<br>b-al 20.170979 | w3<br>L<br>K<br>the | .0700000<br>.2183094<br>.0951811<br>110.17100 | SF<br>min<br>z<br>phi | .1108570<br>.1231284<br>.0539096<br>130.93254 | LFr .8389492<br>max .2722190<br>m .0700000<br>2-LEVEL THRUST |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .070000°                                      | SF                    | .1108570                                      | IFr .7694092   |
| PRA            | 1.0690139                                      | PRB                     | 1.0602404                                      | PRC 1.1468166   | L                   | .1589432                                      | min                   | .1231284                                      | mex .2722190   |
| Si             | 2.849553                                       | SAB                     | 2.690439                                       | Sf 3.271308   | K                   | .0358148                                      | z                     | .1132758                                      | m .0700000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 20.170979  | the                 | 110.17100                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N°             | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .0800000                                      | SF                    | .1151571                                      | IFr .8426285   |
| PRA            | 1.0700000                                      | PRB                     | 1.0456252                                      | PRC 1.0610195   | L                   | .2132492                                      | min                   | .1292415                                      | max .2683321   |
| Si             | 3.256632                                       | SAB                     | 2.951600                                       | Sf 3.274590   | K                   | .0840077                                      | z                     | .0550829                                      | m .0800000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 22.290742  | the                 | 112.29076                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .0800000                                      | SF                    | .1151571                                      | LFr .7804299   |
| PRA            | 1.0778270                                      | PRB                     | 1.0369804                                      | PRC 1.1517038   | L                   | .1623631                                      | min                   | .1292415                                      | max .2683321   |
| Si             | 2.849543                                       | SAB                     | 2.741862                                       | Sf 3.274590   | K                   | .0331216                                      | z                     | .1059691                                      | m .0800000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 22.290742  | the                 | 112.29076                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .0900000                                      | SF                    | .1203690                                      | LFr .8491173   |
| PRA            | 1.0799548                                      | PRB                     | 1.0244718                                      | PRC 1.0735068   | L                   | .2101746                                      | min                   | .1349202                                      | max .2640108   |
| Si             | 3.205743.                                      | SAB                     | 2.981359                                       | Sf 3.278831   | K                   | .0752544                                      | z                     | .0538363                                      | m .0900000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 24.443137  | the                 | 114.44316                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .0900000                                      | SF                    | .1203690                                      | IFr .7924290   |
| PRA            | 1.0861827                                      | PRB                     | 1.0159267                                      | PRC 1.1557348   | L                   | .1656513                                      | min                   | .1349202                                      | max .2640108   |
| Si             | 2.849557                                       | SAB                     | 2.792534                                       | Sf 3.278831   | K                   | .0307312                                      | z                     | .0983595                                      | m .0900000   |
| n              | .1600000                                       | gem                     | 40.932521                                      | b-al 24.443137  | the                 | 114.44316                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .1000000                                      | SF                    | .1266594                                      | LFr .9234228   |
| PRA            | 1.0800000                                      | PRB                     | 1.0088389                                      | PRC 1.012\frac{1}{4}90  | ·L                  | .2578526                                      | min                   | .1401414                                      | max .2592320   |
| Si             | 3.561947                                       | SAB                     | 3.215493.                                      | Sf 3.284298   | K                   | .1177112                                      | z                     | .0013795                                      | m .1000000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 26.632957  | the                 | 116.63298                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .1000000                                      | SF                    | .1266594                                      | LFr .8579130   |
| PRA            | 1.0895912                                      | PRB                     | 1.0050167                                      | PRC 1.0834125   | L                   | .2083798                                      | min                   | .1401414                                      | max .2592320   |
| Si             | 3.166165                                       | SAB                     | .3.016307                                      | Sf 3.284298   | K                   | .0682384                                      | z                     | .0508523                                      | m .1000000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 26.632957  | the                 | 116,63298                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .1000000                                      | SF                    | .1266594                                      | LFr .8055058   |
| PRA            | 1.0941405                                      | PRB                     | .9971337                                       | PRC 1.1587091   | L                   | .1688023                                      | min                   | .1401414                                      | max .2592320   |
| Si             | 2.849545                                       | SAB                     | 2.842594                                       | Sf 3.284298   | K                   | .0286609                                      | z                     | .0904298                                      | m .1000000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 26.632957  | the                 | 116.63298                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .1800000                                       | w2 .1600000   | w3                  | .1100000                                      | SF                    | .1341734                                      | LFr .9285832   |
| PRA            | 1.0900006                                      | PRB                     | .9923422                                       | PRC 1.0261131   | L                   | .2509766                                      | min                   | .1448794                                      | max .2539700   |
| Si             | 3.482786                                       | SAB                     | 3.232332                                       | Sf 3.291339   | K                   | .1060972                                      | z                     | .0029934                                      | m .1100000   |
| n              | .1600000                                       | gam                     | 40.932521                                      | b-al 28.865617  | the                 | 118.86564                                     | phi                   | 130.93254                                     | 2-LEVEL THRUST   |

|                      |  | >                    |  |  |                     |  |                        |   |                          |  |
|----------------------|--|----------------------|--|--|---------------------|--|------------------------|---|--------------------------|--|
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0987788<br>3.134504<br>.1600000 | PRB .98<br>SAB 3.0   | 300000 w2<br>377512 PRC<br>54361 Sf<br>32521 b-al  | .1600000<br>1.0909497<br>3.291339<br>28.865617 | w3<br>L<br>K<br>the | .1100000<br>.2074413<br>.0625620<br>118.86564  | SF<br>min<br>z<br>phi  | •1341734<br>•1448794<br>•0465287<br>130•93254 | LFr<br>max<br>m<br>2-LE  | .8687182<br>.2539700<br>.1100000<br>VEL THRUST   |
| N<br>PRA<br>Si       | 2.0000000<br>1.1017786<br>2.849546<br>.1600000 | PRB .98<br>SAB 2.8   | 000000 w2<br>07372 PRC<br>192282 Sf<br>132521 b-al | .1600000<br>1.1603242<br>3.291339<br>28.865617 | w3<br>L<br>K<br>the | .1100000<br>.1718216<br>.0269423<br>118.86564  | SF<br>min<br>z<br>phi  | .1341734<br>.1448794<br>.0821484<br>130.93254 | LFr<br>max<br>m<br>2-LE  | .8197374<br>.2539700<br>.1100000<br>VEL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0998923<br>3.419471<br>.1600000 | PRB .97<br>SAB 3.2   | 00000 w2<br>76555 PRC<br>57255 Sf<br>32521 b-al    | .1600000<br>1.0364293<br>3.300481<br>31.147322 | w3<br>L<br>K<br>the | .1200000<br>.2459488,<br>.0968451<br>121.14734 | SF<br>min<br>z<br>phi  | .1430607<br>.1491037<br>.0022456<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .9367867<br>.2481944<br>.1200000<br>/EL THRUST   |
| N<br>PRA<br>Si<br>'n | 2.0000000<br>1.1075334<br>3.108604<br>.1600000 | PRB .97<br>SAB 3.0   | 00000 w2<br>30893 PRC<br>94521 Sf<br>32521 b-a1    | .1600000<br>1.0960519<br>3.300481<br>31.147322 | w3<br>L<br>K<br>the | .1200000<br>.2070904<br>.0579867<br>121.14734  | SF<br>min<br>z<br>phi  | .1430607<br>.1491037<br>.0411040<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .8813734<br>.2481944<br>.1200000<br>/EL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.1091894<br>2.849555<br>.1600000 | PRB .96<br>SAB 2.9   | 00000 w2<br>70216 PRC<br>41859 Sf<br>32521 b-al    | .1600000<br>1.1601635<br>3.300481<br>31.147322 | w3<br>L K<br>the    | .1200000<br>.1747093<br>.0256056<br>121.14734  | SF<br>min<br>z<br>phi  | .1430607<br>.1491037<br>.0734851<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .8351975<br>.2481944<br>.1200000<br>TEL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.1159273<br>3.087016<br>.1600000 | PRB .96<br>SAB 3.1   | 00000 w2<br>16275 PRC<br>36302 Sf<br>32521 b-al    | .1600000<br>1.0983227<br>3.312492<br>33.485349 | w3<br>L<br>K<br>the | .1300000<br>.2071457<br>.0543682<br>123.48537  | SF<br>min<br>z<br>phi  | .1535092<br>.1527775<br>.0347224<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .8958235<br>.2418681 .<br>.1300000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.1164744<br>2.849559<br>.1600000 | PRB .95<br>SAB 2.9   | 00000 w2<br>65475 PRC<br>91605 Sf<br>32521 b-al    | .1600000<br>1.1575613<br>3.312492<br>33.485349 | w3<br>L<br>K<br>the | .1300000<br>.1774635<br>.0246861<br>123.48537  | SF<br>min<br>z<br>phi  | .1535092<br>.1527775<br>.0644046<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .8519840<br>.2418681<br>.1300000<br>EL THRUST    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.1240573<br>3.068748<br>.1600000 | PRB .956<br>SAB 3.1  | 00000 w2<br>45779 PRC<br>79515 Sf<br>32521 b-al    | .1600000<br>1.0967050<br>3.328603<br>35.888000 | w3<br>L<br>K<br>the | .1400000<br>.2074833<br>.0516245<br>125.88802  | SF<br>min<br>z<br>phi  | .1657353<br>.1558588<br>.0274662<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .9120665<br>.2349495<br>.1400000<br>EL THRUST    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.1237421<br>2.849555<br>.1600000 | PRB .950<br>SAB 3.0  | 00000 w2<br>05483 PRC<br>41828 Sf<br>32521 b-al    | .1600000<br>1.1512063<br>3.328603<br>35.888000 | w3<br>L<br>K<br>the | .1400000<br>.1800842<br>.0242254<br>125.88802  | SF<br>min<br>z<br>phi  | .1657353<br>.1558588<br>.0548652<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .8702030<br>.2349495<br>.1400000<br>EL THRUST    |
| N<br>PRA<br>Si<br>n  | 2.000000<br>1.1137105<br>2.659583<br>.1600000  | PRB .949<br>SAB 2.89 | 00000 w2<br>55926 PRC<br>96655 Sf<br>32521 b-el    | .1600000<br>1.2152377<br>3.328603<br>35.888000 | w3<br>L<br>K<br>the | .1400000<br>.1563377<br>.0004789<br>125.88802  | SF<br>min<br>z'<br>phi | .1657353<br>.1558588<br>.0786117<br>130.93254 | LFr<br>max<br>m<br>2-LEV | .8339214<br>.2349495<br>.1400000<br>EL THRUST    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849553<br>.0400000 | PRB .999             | 00000 w2<br>99767 PRC<br>21403 Sf<br>26039 b-al    | .0400000<br>1.358110<br>3.143327<br>10.671771  | w3<br>L<br>K<br>the | .0200000<br>.1162853<br>.0917144<br>100.67179  | SF<br>min<br>z<br>phi  | .0060997<br>.0245710<br>.1490596<br>105.02606 | LFr<br>max<br>m          | .6848936<br>.2653449<br>.0200000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849545<br>.0500000 | PRB 1.015            | 14788 Sf   | .0500000<br>1.314503<br>3.144003<br>10.671771  | w3<br>L<br>K<br>the | .0200000<br>.1179371<br>.0904713<br>100.67179  | SF<br>min<br>z<br>phi  | .0083313<br>.0274658<br>.1474078<br>107.23529 | IFr<br>max<br>m          | .6921167<br>.2653449<br>.0200000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>2.849549<br>.0500000 | PRB .99L             | 00000 w2<br>14372 PRC<br>57029 Sf<br>55267 b-al    | .0500000<br>1.306735<br>3.144343<br>12.839472  | w3<br>L<br>K<br>the | .0300000<br>.1220017<br>.0866226<br>102.83949  | SF<br>min<br>z<br>phi  | .0095139<br>.0353791<br>.1412565<br>107.23529 | IFr<br>max<br>m          | .6999140<br>.2632582<br>.0300000                 |

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|    |                     | 4  |                          |   |   |                             |   |                          |  |                          |  |
|----|---------------------|--|--------------------------|---|---|-----------------------------|---|--------------------------|--|--------------------------|--|
| 5  | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849546<br>.0600000 | wl<br>PRB<br>SAB<br>gem  | .2000000<br>1.0321279<br>2.507091<br>19.470873  | w2' .0600000<br>PRC 1.272571<br>Sf 3.144916<br>b-al 10.671771 | w3<br>L<br>K<br>the         | .0200000<br>.1198616<br>.0890820<br>100.67179 | SF<br>min<br>z<br>phi    | .0112267<br>.0307797<br>.1454833<br>.109.47089 | LFr<br>max<br>m          | .6995411<br>.2653449<br>.0200000               |
| ٠. | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849549<br>.0600000 | wl.<br>PRB<br>SAB<br>gam | .2000000<br>1.0088709<br>2.559331<br>19.470873  | w2 .0600000<br>PRC 1.267685<br>Sf 3.145256<br>b-al 12.839472  | w3<br>L<br>K<br>the         | .0300000<br>.1239262<br>.0852333<br>102.83949 | SF<br>min<br>z<br>phi    | .01.24092<br>.0386929<br>.1393320<br>109.47089 | LFr<br>mex<br>m          | .7072401<br>.2632582<br>.0300000               |
|    | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799411<br>.0600000 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>.9910304<br>3.087119<br>19.470873   | w2 .0600000<br>PRC 1.259312<br>Sf 3.145745<br>b-al 15.026038  | w3<br>L<br>K<br>the         | .0400000<br>.2465687<br>.2003602<br>105.02606 | SF<br>min<br>z<br>phi    | .0140104<br>.0462085<br>.0142051<br>109.47089  | IFr<br>max<br>m          | .7760592<br>.2607738<br>.0400000               |
|    | N<br>PRA<br>S1<br>n | 2.0000000<br>1.0400000<br>2.849551<br>.0600000 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>.9893997<br>2.612189<br>19.470873   | w2 .0600000<br>PRC 1.259312<br>Sf 3.145745<br>b-al 15.026038  | w3<br>L<br>K<br>the         | .0400000<br>.1278362<br>.0816277<br>105.02606 | SF<br>min<br>z<br>phi    | .0140104<br>.0462085<br>.1329375<br>109147089  | IFr<br>max<br>m          | .7155895<br>.2607738<br>.0400000               |
| •  | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0483124<br>2.279635<br>.0600000 | wl<br>PRB<br>SAB<br>gem  | .2000000<br>.9846872<br>2.323383<br>19.470873   | w2 .0600000<br>PRC 1.375006<br>Sf 3.145745<br>b-al 15.026038  | w3<br>L<br>K<br>the         | .0400000<br>.0565968<br>.0103882<br>105.02606 | SF<br>min<br>. z.<br>phi | .0140104<br>.0462085<br>:2041770<br>109.47089  | Mex<br>m<br>2-LE         | .6793070<br>.2607738<br>.0400000<br>VEL THRUST |
|    | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849555<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>1.0494762<br>2.498204<br>21.738146  | w2 .0700000<br>PRC 1.2329801<br>Sf 3.146106<br>b-al 10.671771 | w3<br>L<br>K<br>the         | .0200000<br>.1220856<br>.0875446<br>100.67179 | SF<br>min<br>z<br>phi    | .0148945<br>.0345410<br>.1432593<br>111.73817  | LFr<br>max<br>m          | .7072086<br>.2653449<br>.0200000               |
|    | N<br>PRA<br>Si<br>ņ | 2.0000000<br>1.0300000<br>2.849543<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>1.0247270<br>2.550437<br>21.738146  | w2 .0700000<br>PRC 1.2296926<br>Sf 3.146446<br>b-al 12.839472 | w3<br>L<br>K<br>the         | .0300000<br>.1261482<br>.0836940<br>102.83949 | SF<br>min<br>z<br>phi    | .0160771<br>.0424542<br>.1371099<br>111.73817  | LFr<br>max<br>m          | .7148247<br>.2632582<br>.0300000               |
|    | N<br>PRA<br>Si      | 2.0000000<br>1.0300000<br>3.799405<br>.0700000 | wl<br>PRB<br>SAB<br>gám  | .2000000<br>1.0023815<br>3.078225<br>21.738146  | w2 .0700000<br>PRC 1.2243588<br>Sf 3.146935<br>b-a1 15.026038 | w3<br>L<br>K<br>the         | .0400000<br>.2487908<br>.1988209<br>105.02606 | SF<br>min<br>z<br>phi    | .0176783<br>.0499698<br>.0119830<br>111.73817  | LFr<br>max<br>m          | .7896195<br>.2607738<br>.0400000               |
|    | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849546<br>.0700000 | wl<br>PRB<br>SAB         | .2000000<br>1.0028159<br>2.603295<br>21.738146  | w2 .0700000<br>PRC 1.2243588<br>Sf 3.146935<br>b-al 15.026038 | w3<br>L<br>K<br>the         | .0400000<br>.1300583<br>.0800885<br>105.02606 | SF<br>min<br>z<br>phi    | .0176783<br>.0499698<br>.1307155<br>111.73817  | LFr<br>max<br>m          | .7231026<br>.2607738<br>.0400000               |
|    | N<br>PRA<br>Si      | 2.0000000<br>1.0480153<br>2.279645<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | . :2000000<br>•9970952<br>2.313820<br>21.738146 | w2 .0700000<br>PRC 1.364023<br>Sf 3.146935<br>b-ml 15.026038  | w3<br>L<br>K<br>the         | .0400000<br>.0588207<br>.0088509<br>105.02606 | SF<br>min<br>z<br>phi    | .0176783<br>.0499698<br>.2019530<br>111.73817  | LFr<br>max<br>m<br>2-LEV | .6831932<br>.2607738<br>.0400000<br>EL THRUST  |
|    | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561944<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>.9865888<br>3.012958<br>21.738146   | w2 .0700000<br>PRC 1.2155815<br>Sf 3.147610<br>b-al 17.235267 | w3<br>L<br>K<br><b>t</b> he | .0500000<br>.2228661<br>.1657911<br>107.23529 | SF<br>min<br>z<br>phi    | .0199423<br>.0570749<br>.0350128<br>111.73817  | LFr<br>max<br>m          | .7866478<br>.2578789<br>.0500000               |
|    | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849557<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>.9847907<br>2.656764<br>21.738146   | w2 .0700000<br>PRC 1.2155815<br>Sf 3.147610<br>b-al 17.235267 | w3<br>L<br>K<br>the         | .0500000<br>.1338177<br>.0767427<br>107.23529 | SF<br>min<br>z<br>phi    | .0199423<br>.0570749<br>.1240612 ·             | LFr<br>max<br>m          | .7322254<br>.2578789<br>.0500000               |
|    | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0583519<br>2.374627<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>.9802673<br>2.415386<br>21.738146   | w2 .0700000<br>PRC 1.329382<br>Sf 3.147610<br>b-al 17.235267  | w3<br>L<br>K<br>the         | .0500000<br>.0744515<br>.0173765<br>107.23529 | SF<br>min<br>z<br>phi    | .0199423<br>.0570749<br>.1834274<br>111.73817  | LFr<br>max<br>m<br>2-LEV | .6959429<br>.2578789<br>.0500000<br>EL THRUST  |

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|     |   |       |                  | 0 0000000              | 7          | 0000000        | CTC           | .0194483   | T Time         | 7151504              |
|-----|---|-------|------------------|------------------------|------------|----------------|---------------|------------|----------------|----------------------|
| N   | 2.0000000                               | wl.   | .2000000         | w2 .0800000            | w3         | .0200000       | SF            |            | LFr            | -7151594             |
| PRA | 1.0200000                               | PRB   | 1.0672997        | PRC 1.1958951          | L          | .1246243       | min           | 0387645    | max            | .2653449             |
| Si  | 2.849547                                | SAB   | 2.488041         | Sf 3.147652            | K          | 0858597        | Z             | .1407206   | m,             | •0200000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 10.671771         | the        | 100.67179      | phi           | 114.04184  |                | 4                    |
| **  | •0000000                                | 0     |                  |                        | d          | s'             | -             |            |                |                      |
|     |   |       | 0000000          | 0 0000000              | ***        | .0300000       | SF            | .0206308   | LFr            | .7227078             |
| N   | 2.0000000                               | wl    | 2000000          | w2 .0800000            | w3         |                |               |            |                |                      |
| PRA | 1.0300000                               | PRB   | 1.0414054        | PRC 1.1935879          | L          | .1286888       | , min         | .0466778   | max            | 2632582              |
| Si  | 2.849551                                | SAB   | 2.540282         | Sf 3.147992            | K          | .0820110       | Z             | •1345693   | m              | .0300000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 12.839472         | the        | 102.83949      | phi           | 114.04184  |                |                      |
| **  | •0000000                                | Power | 210012021        | 2 02 220000            |            |                | •             |            | *              |                      |
|     |   |       |                  | 000000                 | 7          | olyoppoo       | CTE           | 0000701    | T Tree         | .8034964             |
| N   | 2.00000000                              | wl    | .2000000         | w2 .0800000            | w3         | .0400000       | SF            | .0222321   | LFr            |                      |
| PRA | 1.0300000                               | PRB   | 1.0151022        | PRC 1.1899684          | L          | .2513313       | min           | .0541934   | max            | .2607738             |
| Si  | 3.799412                                | SAB   | 3.068069         | Sf 3.148481            | K          | .1971379       | Z             | .0094424   | m              | .0400000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 15.026038         | the        | 105.02606      | phi           | 114.04184  |                |                      |
| **  | •0000000                                | Scar  | 24.04101         | 0-01 17.010070         | ****       | 20,10200       | F             |            |                |                      |
|     | • |       | 0000000          |                        | 7          | .0400000       | CTT           | 0000201    | LFr            | 7300332              |
| N   | 2.0000000                               | wl    | .2000000         | w2 .0800000            | w3         |                | SF            | .0222321   |                | .7309332             |
| PRA | 1.0400000                               | PRB   | 1.0178695        | PRC 1.1928424          | L          | .1325989       | min           | .0541934   | max            | 2607738              |
| Si  | 2.849553                                | SAB   | 2.593140         | Sf 3.148481            | K          | .0784055       | Z             | .1281749   | m              | .0400000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 15.026038         | the        | 105.02606      | phi           | 114.04184  | 2-LE           | VEL THRUST           |
| 21  | •0000000                                | Pom   | L-1-0-11011      | D-44 1/40100/0         |            | 20,00200       | I             |            |                | -                    |
| B.T | 0 0000000                               | 1     | .2000000         | w2 .0800000            | w3         | .0400000       | SF            | .0222321   | LFr            | .6873942             |
| N   | 2.0000000                               | wl    |                  | _                      | _          |                |               |            |                |                      |
| PRA | 1.0476479                               | PRB   | 1.0106957        | PRC 1.352760           | L          | .0613594       | min           | .0541934   | max            | .2607738             |
| Si  | 2.279637                                | SAB   | 2.302819         | Sf 3.148481            | K          | •0071660       | Z             | .1994144   | m              | .0400000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 15.026038         | the        | 105.02606      | phi           | 114.04184  | 2-LE           | VEL THRUST           |
| ••  | •0000000                                | Pom   | 2100 12021       |                        | 7110       |                | •             |            |                |                      |
| RT  | 0 0000000                               | 1     | .2000000         | w2 .0800000            | w3         | .0500000       | SF            | .0244970   | LFr            | .7989702             |
| N   | 2.0000000                               | wl    |                  |                        |            |                |               |            |                |                      |
| PRA | 1.0400000                               | PRB   | •9975526         | PRC 1.1843289          | L          | .2254047       | min           | .0612985   | max            | 2578789              |
| Si  | 3.561936                                | SAB   | 3.002795         | Sf 3.149156            | K          | .1641062       | Z             | .0324742   | m              | •0500000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 17.235267         | the        | 107.23529      | phi           | 114.04184  |                |                      |
|     |   | Ū     | •                |                        |            |                |               |            |                |                      |
| N   | 2.0000000                               | wl    | .2000000         | w2 .0800000            | w3         | .0500000       | SF            | .0244970   | LFr            | .7400122             |
| PRA | 1.0500000                               | PRB   | .9972220         | PRC 1.1932014          | L          | .1363564       | min           | .0612985   | max            | .2578789             |
|     |   |       |                  |                        |            |                |               |            |                | •0500000             |
| Si  | 2.849549                                | SAB   | 2.646602         | Sf 3.149156 ·          | K          | .0750578       | z             | .1215225   | m              |                      |
| n   | .0800000                                | gem   | 24.041817        | b-al 17.235267         | the        | 107.23529      | phi           | 114.04184  | 2-14:          | EL THRUST            |
|     |   |       |                  | •                      |            |                |               | -11        |                |                      |
| N   | 2.0000000                               | wl    | <b>.</b> 2000000 | w2 .0800000            | w3         | •0500000       | SF            | .0244970   | $\mathtt{LFr}$ | .7007075             |
| PRA | 1.0580655                               | PRB   | •9915747         | PRC 1.320798           | L          | .0769901       | min           | .0612985   | max            | .2578789             |
| Si  | 2.374619                                | SAB   | 2.404542         | Sf 3.149156            | K          | .0156916       | Z             | .1808888   | m              | .0500000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 17.235267         | the        | 107.23529      | phi           | 114.04184  |                | EL THRUST            |
| **  | •000000                                 | Som   | Z4.041011        | D-d1 1  12//L0         | , onc      | 10 ( 10 10)    | Pra           | 11.1011101 |                | 111.001              |
| NT. | 0.000000                                | ••7   | 200000           | w2 .0800000            | <b>w</b> 3 | .0600000       | SF ··         | .0273752   | LFr            | .8006306             |
| N   | 2.0000000                               | wl    | .2000000         | PPG 1 1 2 FF F T 1 6 2 |            |                |               |            |                |                      |
| PRA | 1.0500000                               | PRB   | .9824065         | PRC 1.1753121          | 7          | .2112064       | min           | .0679847   | max            | .2545650             |
| Si  | 3.419465                                | SAB   | 2.985613         | Sf 3.150070            | K          | .1432218       | Z             | .0433586   | m              | .0600000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 19.470873         | the        | 109.47089      | phi           | 114.04184  |                |                      |
|     | • | 0     |                  |                        |            |                | -             |            |                |                      |
| N   | 2.0000000                               | wl    | .2000000         | w2 .0800000            | w3         | .0600000       | SF            | .0273752   | LFr            | .7498360             |
|     |   |       |                  | WZ .000000             | -          |                |               | .0679847   |                |                      |
| PRA | 1.0600000                               | PRB   | .9805409         | PRC 1.1895572          | L          | .1399670       | min           |            | max            | .2545650             |
| Si  | 2.849549                                | .SAB  | 2.700655         | Sf 3.150070            | K          | .0719823       | Z             | .1145980   | m              | .0600000             |
| n   | .0800000                                | gam   | 24.041817        | b-al 19.470873         | the        | 109.47089      | phi           | 114.04184  | 2-LEV          | EL THRUST            |
|     |   |       |                  |                        |            |                |               |            |                |                      |
| N   | 2.0000000                               | wl    | .2000000         | w2 .0800000            | w3         | .0600000       | $\mathbf{SF}$ | .0273752   | LFr            | •7135553             |
| PRA | 1.0678298                               | PRB . |                  | PRC 1.295486           | L          | .0890827       | min           | .0679847   | max            | .2545650             |
| Si  | 2.442475                                | SAB   | 2.491817         | Sf 3.150070            | ĸ          | .0210981       | z             | 1654823    | m              | .0600000             |
|     |   |       |                  | _                      |            |                |               |            |                |                      |
| n   | .0800000                                | gam   | 24.041817        | b-al 19.470873         | the        | 109.47089      | p <b>hi</b>   | 114.04184  | 2=LEV          | EL THRUST            |
|     |   |       |                  |                        |            |                | 4             |            |                |                      |
| N   | 2.0000000                               | wl    | .2000000         | w2 .0900000            | <b>w</b> 3 | .0200000       | SF            | .0250168   | LFr            | •7234373             |
| PRA | 1.0200000                               | PRB   | 1.0855126        | PRC 1.1716132          | L          | .1275063       | min           | .0434743   | max            | .2653449             |
| Si  | 2.849548                                | SAB   | 2.476514         | Sf 3.149632            | ĸ          | .0840320       | z             | .1378386   | m              | .0200000             |
| n   | •0900000                                |       |                  | b-al 10.671771         | the        | 100.67179      | phi           | 116.38760  |                | EL THRUST            |
| 11  | •030000                                 | gam   | 26.387580        | 0-8T TO.0(T()T         | one        | TOO • 01 T 1 A | hm            | 170.70100  | ۷ دندر— ے      | THE STATE OF THE     |
| **  | 0.00000                                 |       | 0.50             |                        |            |                |               |            |                |                      |
| N   | 2.0000000                               | wl    | .2000000         | w2 .0900000            | <u>w</u> 3 | .0300000       | SF            | .0261993   | LFr            | •7309370<br>•2632582 |
| PRA | 1.0300000                               | PRB   | 1.0586379        | PRC 1.1766646          | L          | .1315708       | min           | .0513876   | max            |                      |
| Si  | 2.849551                                | SAB   | 2.528754         | Sf 3.149973            | K          | .0801833       | Z             | .1316873   | m              | .0300000             |
| n   | .0900000                                | gam   | 26.387580        | b-al 12.839472         | the        | 102.83949      | phi           | 116.38760  | 2-TEV          | EL THRUST            |
|     | •0,00000                                | Pani  | 20.01700         | U-al ICOUNTIC          | 0116       | エリム・ロノフマフ      | Pitt          | سامر •ست   | ۰ ۲ سیر – ے    |                      |

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| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>3.799413<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0286120<br>3.056542<br>26.387580 | PRC 1         | .0900000<br>.1570858<br>3.150461<br>5.026038    | w3<br>L<br>K<br>the | .0400000<br>.2542133<br>.1953102<br>105.02606   | SF<br>min<br>z<br>phi | .0278006<br>.0589032<br>.0065604<br>116.38760 | LFr<br>max<br>m           | .8177357<br>.2607738<br>.0400000              |
|---------------------|--|-------------------------|--|---------------|---|---------------------|---|-----------------------|---|---------------------------|---|
| N                   | 2.0000000                                      | wl                      | .2000000                                       | PRC 1.        | .0900000  | w3                  | .0400000  | SF                    | .0278006                                      | LFr                       | .7391253                                      |
| PRA                 | 1.0400000                                      | PRB                     | 1.0338335                                      |               | .1804092  | L                   | .1354809  | min                   | .0589032                                      | max                       | .2607738                                      |
| Si                  | 2.849553                                       | SAB                     | 2.581612                                       |               | 5.150461  | K                   | .0765777  | z                     | .1252929                                      | m                         | .0400000                                      |
| n                   | .0900000                                       | gam                     | 26.387580                                      |               | 5.026038  | the                 | 105.02606                                       | phi                   | 116.38760                                     | 2LEV                      | EL THRUST                                     |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | PRC 3         | .0900000  | w3                  | .0400000  | SF                    | .0278006                                      | LFr                       | .6919584                                      |
| PRA                 | 1.0471941                                      | PRB                     | 1.0247096                                      |               | .342422   | L                   | .0642414  | min                   | .0589032                                      | max                       | .2607738                                      |
| Si                  | 2.279637                                       | SAB                     | 2.290257                                       |               | s.150461  | K                   | .0053382  | z                     | .1965324                                      | m                         | .0400000                                      |
| n                   | .0900000                                       | gam                     | 26.387580                                      |               | s.026038  | the                 | 105.02606                                       | phi                   | 116.38760                                     | 2-LEV                     | TEL THRUST                                    |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561937<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0101206<br>2.991268<br>26.387580 | PRC 1.        | .0900000<br>1532371<br>3.151136<br>7.235267     | w3<br>L<br>K<br>the | .0500000<br>.2282868<br>.1622785<br>107.23529   | SF<br>min<br>z<br>phi | .0300655<br>.0660083<br>.0295921<br>116.38760 | LFr<br>max<br>m           | .8116741<br>.2578789<br>.0500000              |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | PRC 1.        | 0900000   | w3                  | .0500000  | SF                    | .0300655                                      | LFr                       | .7481814                                      |
| PRA                 | 1.0500000                                      | PRB                     | 1.0114063                                      |               | 1823573   | L                   | .1392384  | min                   | .0660083                                      | max                       | .2578789                                      |
| Si                  | 2.849550                                       | SAB                     | 2.635074                                       |               | 3.151136  | K                   | .0732301  | z                     | .1186405                                      | m                         | .0500000                                      |
| n                   | .0900000                                       | gam                     | 26.387580                                      |               | 3.235267  | the                 | 107.23529                                       | phi                   | 116.38760                                     | 2-LEV                     | EL THRUST                                     |
| N                   | 2.0000000                                      | wl                      | 2000000  | PRC 1         | 0900000   | w3                  | .0500000  | SF                    | .0300655                                      | LFr                       | .7058525                                      |
| PRA.                | 1.0577151                                      | PRB                     | 1.0043205                                      |               | .311598   | L                   | .0798721  | min                   | .0660083                                      | max                       | .2578789                                      |
| Si                  | 2.374620                                       | SAB                     | 2.392183                                       |               | .151136   | K                   | .0138638  | z                     | .1780068                                      | m                         | .0500000                                      |
| n                   | .0900000                                       | gam                     | 26.387580                                      |               | .235267   | the                 | 107.23529                                       | phi                   | 116.38760                                     | 2-LEV                     | EL THRUST                                     |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419465<br>.0900000 | vl<br>PRB<br>SAB<br>gam | .2000000<br>.9927961<br>2.974085<br>26.387580  | PRC 1.        | 0900000<br>1474167<br>.152050<br>.470873        | w3<br>L<br>K<br>the | .0600000<br>.2140885<br>.1413940<br>109.47089   | SF<br>min<br>z<br>phi | .0329437<br>.0726944<br>.0404766<br>116.38760 | LFr<br>max<br>m           | .8124180<br>.2545650<br>.0600000              |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>2.849550<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9918978<br>2.689127<br>26.387580  | PRC 1.        | 0900000<br>1817207<br>.152050<br>.470873        | w3 L<br>K<br>the    | .0600000<br>.1428490<br>.0701546<br>109.47089   | SF min z phi          | .0329437<br>.0726944<br>.1117161<br>116.38760 | LFr<br>max<br>m<br>2-LEV  | •7579947<br>•2545650<br>•0600000<br>EL THRUST |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | PRC 1         | 0900000   | w3                  | .0600000  | SF                    | .0329437                                      | LFr                       | .7191219                                      |
| PRA                 | 1.0674853                                      | PRB                     | .9859164                                       |               | •289431   | L                   | .0919647  | min                   | .0726944                                      | max                       | .2545650                                      |
| Si                  | 2.442476                                       | SAB                     | 2.479448                                       |               | •152050   | K                   | .0192703  | z                     | .1626003                                      | m                         | .0600000                                      |
| n                   | .0900000                                       | gam                     | 26.387580                                      |               | •470873   | the                 | 109.47089                                       | phi                   | 116.38760                                     | 2-LEV                     | EL THRUST                                     |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324482<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9784869<br>2.981243<br>26.387580  | PRC 1.        | •<br>0900000<br>1382994 •<br>•153240<br>•738145 | w3<br>L<br>K<br>the | .0700000<br>.2056770<br>.1267439<br>111.73817   | SF<br>min<br>z<br>phi | .0366106<br>.0789331<br>.0451267<br>116.38760 | LFr max                   | .8170586<br>.2508037<br>.0700000              |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | PRC 1.        | 0900000   | w3                  | .0700000  | SF                    | .0366106                                      | IFr                       | .7686825                                      |
| PRA                 | 1.0700010                                      | PRB                     | .9764270                                       |               | 1769765   | L                   | .1463108  | min                   | .0789331                                      | max                       | .2508037                                      |
| Si                  | 2.849553                                       | SAB                     | 2.743781                                       |               | .153240   | K                   | .0673777  | z                     | .1044929                                      | m                         | .0700000                                      |
| n                   | .0900000                                       | gam                     | 26.387580                                      |               | .738145   | the                 | 111.73817                                       | phi                   | 116.38760                                     | 2-LEVI                    | EL THRUST                                     |
| N<br>PRA<br>Si      | 2.0000000<br>1.0768757<br>2.493351<br>.0900000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9715382<br>2.557887<br>26.387580  | PRC 1<br>Sf 3 | 0900000<br>•268866<br>•153240<br>•738145        | w3<br>L<br>K<br>the | .0700000<br>.1017857 ·<br>.0228525<br>111.73817 | SF min z phi          | .0366106<br>.0789331<br>.1490181<br>116.38760 | IFr<br>max<br>m<br>2-LEVE | .7324009<br>.2508037<br>.0700000<br>IL THRUST |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | PRC 1.        | 1000000   | w3                  | .0200000  | SF                    | .0317316                                      | LFr                       | .7320976                                      |
| PRA                 | 1.0200000                                      | PRB                     | 1.1040056                                      |               | 1590026   | L                   | .1307621  | min                   | .0486996                                      | max                       | .2653449                                      |
| Si                  | 2.849559                                       | SAB                     | 2.463502                                       |               | .152162   | K                   | .0820625  | z                     | .1345828                                      | m                         | .0200000                                      |
| n                   | .1000000                                       | gam                     | 28.782028                                      |               | .671 <b>7</b> 71                                | the                 | 100.67179                                       | phi                   | 118.78205                                     | 2-LEVE                    | JL THRUST                                     |

| N<br>PRA<br>Si | 2.0000000<br>1.0300000<br>2.849547 | VI<br>PRB<br>SAB  | .2000000<br>1.0762033<br>2.515735<br>28.782028 | w2 .1000000<br>PRC 1.1643840<br>Sf 3.152502<br>b-al 12.839472 | .w3<br>L<br>K<br>the | .0300000<br>.1348248<br>.0782119  | SF<br>min<br>z<br>phi | .0329142<br>.0566129<br>.1284334<br>118.78205 | LFr<br>max<br>m   | .7395668<br>.2632582<br>.0300000<br>EL THRUST |
|----------------|------------------------------------|-------------------|--|---|----------------------|-----------------------------------|-----------------------|---|-------------------|---|
| n              | ,1000000                           | gam               | 20.102020                                      | D-81 12.079472  | OHE                  | 102.07949                         | phi                   | 110.1020)                                     | 5-111V            | III III(OOI                                   |
| N<br>PRA       | 2.0000000<br>1.0300000             | wl<br>PRB         | .2000000<br>1.0426613                          | w2 .1000000<br>PRC 1.1260651                                  | w3<br>L              | .0400000<br>.2574673              | SF<br>min             | .0345163<br>.0641285                          | LFr<br>max        | .8323946<br>.2607738                          |
| Si<br>n        | 3.799409<br>.1000000               | SAB<br>gam        | 3.043522<br>28.782028                          | Sf 3.152991<br>b-al 15.026038                                 | K<br>the             | *.1933388<br>105.02606            | z<br>phi              | .0033065<br>118.78205                         | m                 | .0400000                                      |
| N PRA          | 2.0000000<br>1.0400000             | wl<br>PRB         | .2000000<br>1.0502948                          | w2 .1000000<br>PRC 1.1687357                                  | w3<br>L              | .0400000<br>.1387348              | SF<br>min             | .0345163<br>.0641285                          | LFr               | .7477360<br>.2607738                          |
| Si<br>n        | 2.849549<br>.1000000               | SAB               | 2.568592<br>28.782028                          | Sf 3.152991<br>b-al 15.026038                                 | K<br>the             | .0746063<br>105.02606             | z<br>phi              | .1220390<br>118.78205                         | m<br>2-LEV        | .0400000<br>EL THRUST                         |
| N<br>PRA       | 2.0000000<br>1.0466337             | wl<br>PKB         | .2000000<br>1.0387852                          | w2 .1000000<br>PRC 1.333621                                   | w3<br>L              | .0400000<br>.0674954              | SF<br>min             | .0345163<br>.0641285                          | LFr<br>max        | .6969414<br>.2607738                          |
| 'Si<br>n       | 2.279633<br>.1000000               | SAB               | 2.275960<br>28.782028                          | Sf 3.152991<br>b-al 15.026038                                 | K<br>the             | .0033669                          | z<br>phi              | .1932784                                      | S-TEA             | .0400000<br>EL THRUST                         |
| N<br>PRA       | 2.0000000                          | wl<br>PRB         | .2000000<br>1.0236249                          | w2 .1000000<br>PRC 1.1233482                                  | w3<br>L              | .0500000<br>.2315426              | SF<br>min             | .0367804<br>.0712336                          | LFr<br>max        | .8248167<br>.2578789                          |
| Si<br>n        | 3.561948<br>.1000000               | SAB               | 2.978255<br>28.782028                          | Sf 3.153666<br>b-al 17.235267                                 | K<br>the             | .1603090<br>107.23529             | z<br>phi              | .0263363<br>118. <b>7</b> 8205                | m                 | .0500000                                      |
| N<br>PRA       | 2.0000000<br>1.0500000             | wl PRB            | .2000000<br>1.0264704                          | w2 .1000000<br>PRC 1.1717301                                  | w3<br>L .            | .0500000                          | SF<br>min             | .0367804                                      | LFr               | .7567873<br>.2578789                          |
| Sin            | 2.849545                           | SAB               | 2.622054 28.782028                             | Sf 3.153666<br>b-al 17.235267                                 | K<br>the             | .0712587                          | z<br>phi              | .1153866<br>118.78205                         | m                 | .0500000<br>EL THRUST                         |
| N              | 2.0000000                          | wl.               | .2000000                                       | w2 .1000000   | w3                   | .0500000                          | SF                    | .0367804                                      | LFr               | .7114372                                      |
| PRA<br>Si<br>n | 1.0572871<br>2.374631<br>.1000000  | PRB<br>SAB<br>gem | 1.0176598<br>2.378155<br>28.782028             | PRC 1.303086<br>Sf 3.153666<br>b-al 17.235267                 | L<br>K<br>the        | .0831280<br>.0118944<br>107.23529 | min<br>z<br>phi       | .0712336<br>.1747509<br>118.78205             | max<br>m<br>2-LEV | .2578789<br>.0500000<br>EL THRUST             |
|                | •100000                            | Pom               | 201102020                                      | D-01 1 (  | 0110                 | 10 10//2/                         | PILL                  |   |                   |   |
| N<br>PRA       | 2.0000000<br>1.0500000             | wl<br>PRB         | .2000000<br>1.0050003                          | w2 .1000000<br>PRC 1.1193672                                  | w3<br>L              | .0600000<br>.2173424              | SF<br>min             | .0396595<br>.0779198                          | LFr<br>max        | .8246613<br>.2545650                          |
| Si<br>n        | 3.419461<br>.1000000               | SAB<br>gam        | 2.961065<br>28.782028                          | Sf 3.154580<br>b-al 19.470873                                 | K<br>the             | .1394226<br>109.47089             | z<br>phi              | .0372226<br>118.78205                         | m                 | .0600000                                      |
| N<br>PRA       | 2.0000000                          | wl<br>PRB         | .2000000<br>1.0050460                          | w2 .1000000<br>PRC 1.1728756                                  | w3<br>L              | .0600000<br>.1461029              | SF<br>min             | .0396595<br>.0779198                          | LFr<br>max        | .7666102<br>.2545650                          |
| Si<br>n        | 2.849546<br>.1000000               | SAB<br>gam        | 2.676108<br>28.782028                          | Sf 3.154580<br>b-al 19.470873                                 | K<br>the             | .0681832<br>109.47089             | z<br>phi              | .1084621<br>118.78205                         | m                 | .0600000<br>EL THRUST                         |
| N<br>PRA       | 2.0000000                          | wl<br>PRB         | .2000000<br>.9976573                           | w2 .1000000<br>PRC 1.282538                                   | w3<br>L              | .0600000                          | SF<br>min             | .0396595<br>.0779198                          | LFr               | .7251463<br>.2545650                          |
| Si<br>n        | 2.442472                           | · SAB             | 2.465414<br>28.782028                          | Sf 3.154580<br>b-al 19.470873                                 | K<br>the             | .0172989                          | z<br>phi              | .1593464                                      | m                 | .0600000<br>EL THRUST                         |
| N              | 2.0000000                          | wl                | .2000000                                       | w2 .1000000   | <b>w</b> 3           | .0700000                          | SF                    | .0433264                                      | LFr               | .8287220                                      |
| PRA<br>Si<br>n | 1.0600000<br>3.324478<br>.1000000  | PRB<br>SAB<br>gam | .9882244<br>2.968224<br>28.782028              | PRC 1.1134677<br>Sf 3.155769<br>b-al 21.738145                | L<br>K<br>the        | .2089310<br>.1247725<br>111.73817 | min<br>z<br>phi       | .0841585<br>.0418727<br>118.78205             | max<br>m          | .2508037<br>.0700000                          |
| N<br>PRA       | 2.0000000<br>1.0699992             | wl<br>PRB         | .2000000<br>.9865849                           | w2 .1000000<br>PRC 1.1713533                                  | w3<br>L              | .0700000<br>.1495648              | SF<br>min             | .0433264<br>.0841585                          | LFr<br>max        | .7773228<br>.2508037                          |
| Si<br>n        | 2.849548<br>.1000000               | SAB<br>gam        | 2.730756<br>28.782028                          | Sf 3.155769<br>b-al 21.738145                                 | K<br>the             | .0654063                          | z<br>phi              | .1012390                                      | m                 | .0700000<br>L THRUST                          |
| N<br>PRA       | 2.0000000                          | wl<br>grag        | .2000000                                       | w2 .1000000   | w3                   | .0700000                          | SF                    | .0433264                                      | LFr               | •7387743<br>•2508037                          |
| Si             | 1.0764302<br>2.493363              | PRB<br>SAB        | •980419 <b>7</b><br>2•543765                   | PRC 1.265366<br>Sf 3.155769                                   | L<br>K               | .1050415<br>.0208831              | min<br>z              | .0841585                                      | max<br>m          | .0700000                                      |
| n              | .1000000                           | gam               | 28.782028                                      | b-al 21.738145  | the                  | 111.73817                         | phi                   | 118.78205                                     |                   | L THRUST                                      |

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| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.256629<br>.1000000 | wl .2000000<br>PRB .9748188<br>SAB 2.989530<br>gam 28.782028  | w2 .1000000<br>PRC 1.1043711<br>Sf 3.157315<br>b-al 24.041817 | w3 .0800000<br>L .2037659<br>K .1138310<br>the 114.04184 | SF .0478897<br>min .0899349<br>z .0428143<br>phi 118.78205  | max .2465802<br>m .0800000                                   |
|---------------------|--|---|---|--|---|--|
| N<br>PRA<br>Si      | 2.0000000<br>1.0799044<br>2.849555<br>.1000000 | wl .2000000<br>PRB .9723275<br>SAB 2.785720<br>gam 28.782028  | w2 .1000000<br>PRC 1.1656492<br>Sf 3.157315<br>b-al 24.041817 | w3 .0800000<br>L .1528816<br>K .0629467<br>the 114.04184 | °SF .0478897<br>min .0899349<br>z .0936986<br>phi 118.78205 | LFr .7889652<br>max .2465802<br>m .0800000<br>2-LEVEL THRUST |
| N                   | 2.000000                                       | wl .2000000   | w2 .1000000   | w3 .0800000  | SF .0478897   | IFr .7526837   |
| PRA                 | 1.0854891                                      | PRB .9674595  | PRC 1.2473973   | L .1133042   | min .0899349  | max .2465802   |
| S1                  | 2.532935                                       | SAB 2.616256  | Sf 3.157315   | K .0233692   | z .1332760  | m .0800000   |
| n                   | .1000000                                       | gem 28.782028   | b-al 24.041817  | the 114.04184  | phi 118.78205   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0200000  | SF .0397492   | IFr .7412033   |
| PRA                 | 1.0200000                                      | PRB 1.1226670   | PRC 1.1477296   | L .1344242   | min .0544757  | max .2653449   |
| Si                  | 2.849555                                       | SAB 2.448850  | Sf 3.155387   | K .0799485   | z .1309207  | m .0200000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 10.671771  | the 100.67179  | phi 121.23283   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0300000  | SF .0409317 * min .0623890 z .1247694 phi 121.23283         | LFr .7486630   |
| PRA                 | 1.0300000                                      | PRB 1.0939566   | PRC 1.1533735   | L .1384888   |   | max .2632582   |
| Si                  | 2.849559                                       | SAB 2.501090  | Sf 3.155727   | K .0760998   |   | m .0300000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 12.839472  | the 102.83949  |   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0400000  | SF0425329   | LFr .7568350   |
| PRA                 | 1.0400000                                      | PRB 1.0670293   | PRC 1.1581860   | L .1423988   | min .0699046  | max .2607738   |
| S1                  | 2.849561                                       | SAB 2.553948  | Sf 3.156216   | K .0724943   | z .1183749  | m .0400000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 15.026038  | the 105.02606  | phi 121.23283   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0400000  | SF .0425329   | LFr .7024126   |
| PRA                 | 1.0459411                                      | PRB 1.0527341   | PRC 1.326753  | L .0711594   | min .0699046  | max .2607738   |
| Si                  | 2.279645                                       | SAB 2.259737  | Sf 3.156216   | K .0012548   | z .1896144  | m .0400000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 15.026038  | the 105.02606  | phi 121.23283   | 2-LEVEL THRUST   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561944<br>.1100000 | wl .2000000<br>PRB 1.0377735<br>SAB 2.963603<br>gam 31.232814 | w2 .1100000<br>PRC 1.0950897<br>Sf 3.156891<br>b-al 17.235267 | w3 .0500000<br>L .2352047<br>K .1581950<br>the 107.23529 | SF .0447979<br>min .0770097<br>z .0226742<br>phi 121.23283  | 1Fr .8384657<br>max .2578789<br>m .0500000                   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0500000  | SF .0447979   | LFr .7659016   |
| PRA                 | 1.0500000                                      | PRB 1.0420097   | PRC 1.1619295   | L .1461544   | min .0770097  | max .2578789   |
| Si                  | 2.849542                                       | SAB 2.607402  | Sf 3.156891   | K .0691447   | z .1117245  | m .0500000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 17.235267  | the 107.23529  | phi 121.23283   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0500000  | SF .0447979   | LFr .7175264   |
| PRA                 | 1.0567641                                      | PRB 1.0312070   | PRC 1.295943  | L .0867901   | min .0770097  | max .2578789   |
| Si                  | 2.374627                                       | SAB 2.362261  | Sf 3.156891   | K .0097804   | z .1710888  | m .0500000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 17.235267  | the 107.23529  | phi 121.23283   | 2-LEVEL THRUST   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419458<br>.1100000 | wl .2000000<br>PRB 1.0182730<br>SAB 2.946413<br>gam 31.232814 | w2 .1100000<br>PRC 1.0922810<br>Sf 3.157804<br>b-al 19.470873 | w3 .0600000<br>L .2210045<br>K .1373087<br>the 109.47089 | SF .0476761<br>min .0836958<br>z .0335605<br>phi 121.23283  | LFr .8374348<br>max .2545650<br>m .0600000                   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0600000  | SF .0476761   | LFr .7757569   |
| PRA                 | 1.0600000                                      | PRB 1.0190964   | PRC 1.1642587   | L .1497669   | min .0836958  | max .2545650   |
| Si                  | 2.849557                                       | SAB 2.661463  | Sf 3.157804   | K .0660711   | z .1047981  | m .0600000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 19.470873  | the 109.47089  | phi 121.23283   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1100000   | w3 .0600000  | SF .0476761   | LFr .7316990   |
| PRA                 | 1.0665704                                      | PRB 1.0101373   | PRC 1.276204  | L .0988808   | min .0836958  | max .2545650   |
| Si                  | 2.442468                                       | SAB 2.449541  | Sf 3.157804   | K .0151850   | z .1556842  | m .0600000   |
| n                   | .1100000                                       | gam 31.232814   | b-al 19.470873  | the 109.47089  | phi 121.23283   | 2-LEVEL THRUST   |

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| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324475<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9999584<br>2.953572<br>31.232814  | w2 .1100000<br>PRC 1.0882521<br>Sf 3.158994<br>b-al 21.738145 | w3<br>L<br>K<br>the | .0700000<br>.2125931<br>.1226586<br>111.73817  | SF<br>min<br>z<br>phi | .0513430<br>.0899345<br>.0382106<br>121.23283 | LFr<br>max<br>m | .8409348<br>.2508037<br>.0700000             |
|---------------------|--|-------------------------|--|---|---------------------|--|-----------------------|---|-----------------|--|
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1100000   | w3                  | .0700000                                       | SF                    | .0513430                                      | LFr             | .7865133                                     |
| PRA                 | 1.0699942                                      | PRB                     | .9986178                                       | PRC 1.1646732   | L                   | .1532288                                       | min                   | .0899345                                      | max             | .2508037                                     |
| Si                  | 2.849560                                       | SAB                     | 2.716098                                       | Sf 3.158994   | K                   | .0632943                                       | z                     | .0975750                                      | m               | .0700000                                     |
| n                   | .1100000                                       | gam                     | 31.232814                                      | b-al 21.738145  | the                 | 111.73817                                      | phi                   | 121.23283                                     | 2-LEV           | EL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1100000   | w3                  | .0700000                                       | SF                    | .0513430                                      | LFr             | .7456951                                     |
| PRA                 | 1.0759010                                      | PRB                     | .9911236                                       | PRC 1.260897  | L                   | .1087036                                       | min                   | .0899345                                      | max             | .2508037                                     |
| Si                  | 2.493359                                       | SAB                     | 2.527793                                       | Sf 3.158994   | K                   | .0187691                                       | z                     | .1421001                                      | m               | .0700000                                     |
| n                   | .1100000                                       | gam                     | 31.232814                                      | b-al 21.738145  | the                 | 111.73817                                      | phi                   | 121.23283                                     | 2-LEV           | EL THRUST                                    |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.256625<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9838652<br>2.974878<br>31.232814  | w2 .1100000<br>PRC 1.0823728<br>Sf 3.160540<br>b-al 24.041817 | w3<br>L<br>K<br>the | .0800000<br>.2074280<br>.1117170<br>114.04184  | SF<br>min<br>z<br>phi | .0559073<br>.0957110<br>.0391522<br>121.23283 | IFr<br>mex<br>m | .8474541<br>.2465802<br>.0800000             |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1100000   | w3                  | .0800000                                       | SF                    | .0559073                                      | LFr             | .7982149                                     |
| PRA                 | 1.0798634                                      | PRB                     | .9812735                                       | PRC 1.1623648   | L                   | .1565437                                       | min                   | .0957110                                      | max             | .2465802                                     |
| Si                  | 2.849551                                       | SAB                     | 2.770951                                       | Sf 3.160540   | K                   | .0608328                                       | z                     | .0900364                                      | m               | .0800000                                     |
| n                   | .1100000                                       | gam                     | 31.232814                                      | b-al 24.041817  | the                 | 114.04184                                      | phi                   | 121.23283                                     | 2-LEVE          | IL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1100000   | w3                  | .0800000                                       | SF                    | .0559073                                      | LFr             | .7599173                                     |
| PRA                 | 1.0849066                                      | PRB                     | .9751572                                       | PRC 1.2464988   | L                   | .1169663                                       | min                   | .0957110                                      | max             | .2465802                                     |
| Si                  | 2.532931                                       | SAB                     | 2.600129                                       | Sf 3.160540   | K                   | .0212553                                       | z                     | .1296139                                      | m               | .0800000                                     |
| n                   | .1100000                                       | gam                     | 31.232814                                      | b-al 24.041817  | the                 | 114.04184                                      | phi                   | 121.23283                                     | 2-LEVE          | IL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1100000   | w3                  | .0900000                                       | SF                    | .0614472                                      | LFr             | .8562327                                     |
| PRA                 | 1.0800000                                      | PRB                     | .9713750                                       | PRC 1.0833441   | L                   | .2042408                                       | min                   | .1010014                                      | max             | .2418706                                     |
| Si                  | 3.205749                                       | SAB                     | 3.005246                                       | Sf 3.162521   | K                   | .1032394                                       | z                     | .0376298                                      | m               | .0900000                                     |
| n                   | .1100000                                       | gam                     | 31.232814                                      | b-al 26.387580  | the                 | 116.38760                                      | phi                   | 121.23283                                     | 2-LEVE          | I. THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1100000   | w3                  | .0900000                                       | SF                    | .0614472                                      | LFr             | .8108797                                     |
| PRA                 | 1.0894882                                      | PRB                     | .9683458                                       | PRC 1.1557900   | L                   | .1597157                                       | min                   | .1010014                                      | max             | .2418706                                     |
| Si                  | 2.849548                                       | SAB                     | 2.825686                                       | Sf 3.162521   | K                   | .0587142                                       | z                     | .0821550                                      | m               | .0900000                                     |
| n                   | .1100000                                       | gam                     | 31.232814                                      | b-al 26.387580  | the                 | 116.38760                                      | phi                   | 121.23283                                     | 2-LEVE          | I. THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1100000   | w3                  | .0900000                                       | SF                    | .0614472                                      | LFr             | .7745981                                     |
| PRA                 | 1.0936609                                      | PRB                     | .9635861                                       | PRC 1.2299588   | L                   | .1240959                                       | min                   | .1010014                                      | max             | .2418706                                     |
| Si                  | 2.564590                                       | SAB                     | 2.668408                                       | Sf 3.162521   | K                   | .0230945                                       | z                     | .1177747                                      | m               | .0900000                                     |
| n                   | .1100000                                       | gam                     | 31.232814                                      | b-al 26.387580  | the                 | 116.38760                                      | phi                   | 121.23283                                     | 2-LEVE          | L THRUST                                     |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849550<br>.1200000 | SAB                     | .2000000<br>1.1414480<br>2.432395<br>33.748912 | w2 .1200000<br>PRC 1.1379667<br>Sf 3.159511<br>b-al 10.671771 | w3<br>L<br>K<br>the | .0200000<br>.1385365<br>.0776918<br>100.67179  | SF<br>min<br>z<br>phi | .0492554<br>.0608446<br>.1268084<br>123.74893 | max<br>m        | .7508335<br>.2653449<br>.0200000<br>L THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849553<br>.1200000 | SAB                     | .2000000<br>1.1118286<br>2.484636<br>33.748912 | w2 .1200000<br>PRC 1.1438419<br>Sf 3.159851<br>b-al 12.839472 | w3<br>L<br>K<br>the | .0300000<br>.1426010<br>.0738431<br>102.83949  | SF<br>min<br>z<br>phi | .0504379<br>.0687579<br>.1206571<br>123.74893 | max<br>m        | .7583065<br>.2632582<br>.0300000<br>L THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849556<br>.1200000 | SAB                     | .2000000<br>1.0839250<br>2.537494<br>33.748912 | w2 .1200000<br>PRC 1.1490252<br>Sf 3.160349<br>b-al 15.026038 | w3<br>L<br>K<br>the | .0400000<br>.1465111<br>.0702376<br>105.02606  | SF<br>min<br>z<br>phi | .0520392<br>.0762735<br>.1142627<br>123.74893 | max<br>m        | .7665053<br>.2607738<br>.0400000<br>. THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>3.561939<br>.1200000 | SAB                     | .2000000<br>1.0524290<br>2.947149<br>33.748912 | w2 .1200000<br>PRC 1.0686642<br>Sf 3.161015<br>b-al 17.235267 | w3<br>L<br>K<br>the | .0500000<br>.2393169<br>.1559383<br>107.23529* | SF<br>min<br>z<br>phi | .0543041<br>.0833786<br>.0185619<br>123.74893 | max             | .8527107<br>.2578789<br>.0500000             |

Section and Comments

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| N<br>PRA<br>Si<br>n | 2.0000000 *,<br>1.0500000<br>2.849552<br>.1200000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0578205<br>2.590956<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.1533326<br>3.161015<br>17.235267 | w3<br>L<br>K<br>the  | .0500000<br>.1502686<br>.0668899<br>107.23529  | SF<br>min<br>z<br>phi   | .0543041<br>.0833786<br>.1076103<br>123.74893 | IFr<br>max<br>m<br>2-LE  | .7756119<br>.2578789<br>.0500000<br>VEL THRUST |
|---------------------|---|-------------------------|--|-------------------------|--|----------------------|--|-------------------------|---|--------------------------|--|
| N<br>PRA<br>Si      | 2.0000000<br>1.0561247<br>2.374622<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0447623<br>2.344288<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.290619<br>3.161015               | w3<br>L<br>K<br>the  | .0500000<br>.0909023<br>.0075237<br>107.23529  | SF<br>min<br>z<br>phi   | .0543041<br>.0833786<br>.1669766<br>123.74893 | LFr<br>max<br>m<br>2-LE  | •7242127<br>•2578789<br>•0500000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>3.419468<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0322868<br>2.929967<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.0666514<br>3.161929<br>19.470873 | w3<br>L<br>K<br>the  | .0600000<br>.2251186<br>.1350539<br>109.47089  | SF min z phi            | .0571823<br>.0900648<br>.0294464<br>123.74893 | LFr<br>max<br>m          | .8508253<br>.2545650<br>.0600000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>2.849552<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0336427<br>2.645009<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.1565235<br>3.161929<br>19.470873 | w3<br>L<br>K<br>the  | .0600000<br>.1538792<br>.0638144<br>109.47089  | SF<br>min<br>z<br>phi   | .0571823<br>.0900648<br>.1006858              | LFr<br>max<br>m<br>2-LEV | .7855177<br>.2545650<br>.0600000<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0659681<br>2.442478<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0229422<br>2.431624<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.271172<br>3.161929<br>19.470873  | w3<br>L<br>K<br>the  | .0600000<br>.1029949<br>.0129302<br>109.47089  | SF<br>min<br>z<br>phi   | .0571823<br>.0900648<br>.1515701<br>123.74893 | LFr<br>max<br>m<br>2-LEV | .7388706<br>.2545650<br>.0600000<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324485<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0128826<br>2.937125<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.0638238<br>3.163118<br>21.738145 | w3<br>L<br>K<br>the  | .0700000<br>.2167072<br>.1204038<br>111.73817  | SF<br>min<br>z<br>phi   | .0608492<br>.0963035<br>.0340965<br>123.74893 | LFr<br>max<br>m          | .8537893<br>.2508037<br>.0700000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0699844<br>2.849555<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0116117<br>2.699615<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.1582429<br>3.163118<br>21.738145 | w3<br>L<br>K<br>the  | .0700000<br>.1573410<br>.0610376<br>111.73817  | SF<br>min<br>z•<br>phi  | .0608492<br>.0963035<br>.0934627<br>123.74893 | LFr<br>max<br>m<br>2-LEV | .7963429<br>.2508037<br>.0700000<br>TEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0752718<br>2.493354<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0026928<br>2.509770<br>33.748912 | w2<br>PRC<br>Sf<br>b-al | .1200000<br>1.256937<br>3.163118<br>21,738145  | w3<br>L<br>K<br>the  | .0700000<br>.1128159<br>.0165124<br>111.73817  | SF<br>min<br>z<br>• phi | .0608492<br>.0963035<br>.1379879<br>123.74893 | IFr<br>max<br>m<br>2-LEV | .7532578<br>.2508037<br>.0700000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.256635<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9950654<br>2.958431<br>33.748912  | Sf                      | .1200000<br>1.0750150<br>3.164664<br>24.041817 | w3<br>L<br>K<br>the  | .0800000<br>.2115421<br>.1094622<br>114.04184  | SF<br>min<br>z<br>phi   | .0654135<br>.1020799<br>.0350380<br>123.74893 | LFr<br>max<br>m<br>2-LEV | .8599615<br>.2465802<br>.0800000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0798081<br>2.849546<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9922090<br>.2.754339<br>33.748912 | Sf                      | .1200000<br>1.1579961<br>3.164664<br>24.041817 | w3<br>L<br>K<br>the  | .0800000<br>.1606560<br>.0585761<br>114.04184  | SF<br>min<br>z<br>phi   | .0654135<br>.1020799<br>.0859242<br>123.74893 | LFr<br>max<br>m<br>2-LEV | .8081293<br>.2465802<br>.0800000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0842221<br>2.532926<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9848358<br>2.581940<br>33.748912  | Sf                      | .1200000<br>1.2445650<br>3.164664<br>24.041817 | w3<br>L<br>K<br>the  | .0800000<br>.1210785<br>.0189986<br>114.04184  | SF<br>min<br>z<br>phi   | .0654135<br>.1020799<br>.1255017<br>123.74893 | LFr<br>max<br>m<br>2-LEV | .7678156<br>.2465802<br>.0800000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0800000<br>3.205744<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9796540<br>2.988792<br>33.748912  | Sf                      | .1200000<br>1.0815109<br>3.166645<br>26.387580 | w3<br>L<br>•K<br>the | .0900000°<br>.2083531<br>.1009827<br>116.38760 | SF<br>min<br>z<br>phi   | .0709534<br>.1073704<br>.0335176<br>123.74893 | LFr<br>max<br>m<br>2-LEV | .8685141<br>.2418706<br>.0900000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0893657<br>2.849558<br>.1200000    | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9761164<br>2.808892<br>33.748912  | Sf                      | .1200000<br>1.1549489<br>3.166645<br>26.387580 | w3<br>L<br>K<br>the  | .0900000<br>.1638298<br>.0564594 ·             | SF<br>min<br>z<br>phi   | .0709534<br>.1073704<br>.0780408<br>123.74893 | LFr<br>max<br>m<br>2-LEV | .8208962<br>.2418706<br>.0900000<br>EL THRUST  |
|                     |   |                         |  |                         |  |                      |  |                         |   |                          |  |

199, 860

| N                           | 2.0000000                                      | wl           | .2000000                                     | w2                      | .1200000                                       | w3                    | .0900000                                      | SF                     | .0709534                                      | LFr                      | .7827997                                      |
|-----------------------------|--|--------------|--|-------------------------|--|-----------------------|---|------------------------|---|--------------------------|---|
| PRA                         | 1.0929079                                      | PRB          | .9701442                                     | PRC                     | 1.2317201                                      | L                     | .1282101                                      | min                    | .1073704                                      | max                      | .2418706                                      |
| Si                          | 2.564600                                       | SAB          | 2.650032                                     | Sf                      | 3.166645                                       | K                     | .0208397                                      | z                      | .1136606                                      | m                        | .0900000                                      |
| n                           | .1200000                                       | gem 3        | 33.748912                                    | b-al                    | 26.387580                                      | the                   | 116.38760                                     | phi                    | 123.74893                                     | 2-LEV                    | VEL THRUST                                    |
| N                           | 2.0000000                                      | wl           | .2000000                                     | w2                      | .1200000                                       | w3                    | .1000000                                      | SF                     | .0776558                                      | LFr                      | .8790980                                      |
| PRA                         | 1.0899992                                      | PRB          | .9679710                                     | PRC                     | 1.0821919                                      | L                     | .2064343                                      | min                    | .1121448                                      | max                      | .2366450                                      |
| Si                          | 3.166161                                       | SAB          | 3.025376                                     | Sf                      | 3.169174                                       | K                     | .0942895                                      | z                      | .0302108                                      | m                        | .1000000                                      |
| n                           | .1200000                                       | gam 3        | 53.748912                                    | b-al                    | 28.782049                                      | the                   | 118.78207                                     | phi                    | 123.74893                                     | 2-LEV                    | /EL THRUST                                    |
| N                           | 2.0000000                                      | wl           | .2000000                                     | w2                      | .1200000                                       | w3                    | .1000000                                      | SF                     | .0776558                                      | LFr                      | .8347550                                      |
| PRA                         | 1.0986399                                      | PRB          | .9645306                                     | PRC                     | 1.1475669                                      | L                     | .1668587                                      | min                    | .1121448                                      | max                      | .2366450                                      |
| Si                          | 2.849557                                       | SAB          | 2.863202                                     | Sf                      | 3.169174                                       | K                     | .0547139                                      | z                      | .0697864                                      | m                        | .1000000                                      |
| n                           | .1200000                                       | gam          | 33.748912                                    | b-al                    | 28.782049                                      | the                   | 118.78207                                     | phi                    | 123.74893                                     | 2-LEV                    | /EL THRUST                                    |
| N                           | 2.0000000                                      |              | .2000000                                     | w2                      | .1200000                                       | w3                    | .1000000                                      | SF                     | .0776558                                      | LFr                      | .7984715                                      |
| PRA                         | 1.1013971                                      |              | .9599045                                     | PRC                     | 1.2159250                                      | L                     | .1344757                                      | min                    | .1121448                                      | max                      | .2366450                                      |
| Si                          | 2.590493                                       |              | 2.715259                                     | Sf                      | 3.169174                                       | K                     | .0223309                                      | z                      | .1021693                                      | m                        | .1000000                                      |
| n                           | .1200000                                       |              | 33.748912                                    | b-al                    | 28.782049                                      | the                   | 118.78207                                     | phi                    | 123.74893                                     | 2-LEV                    | ÆL THRUST                                     |
| N                           | 2.0000000                                      | SAB          | .2000000                                     | w2                      | .1300000                                       | w3                    | .0200000                                      | SF                     | .0604506                                      | LFr                      | .7610779                                      |
| PRA                         | 1.0200000                                      |              | 1.1603397                                    | PRC                     | 1.1298923                                      | L                     | .1431522                                      | min                    | .0678589                                      | max                      | .2653449                                      |
| Si                          | 2.849556                                       |              | 2.413939                                     | Sf                      | 3.164816                                       | K                     | .0752934                                      | z                      | .1221927                                      | m                        | .0200000                                      |
| n                           | .1300000                                       |              | 36.341171                                    | b-al                    | 10.671771                                      | the                   | 100.67179                                     | phi                    | 126.34119                                     | 2-LEV                    | EL THRUST                                     |
| N                           | 2.0000000                                      | SAB          | .2000000                                     | w2                      | .1300000                                       | w3                    | .0300000                                      | SF                     | .0616331                                      | LFr                      | .7685881                                      |
| PRA                         | 1.0300000                                      |              | .1297939                                     | PRC                     | 1.1359850                                      | L                     | :1472149                                      | min                    | .0757721                                      | max                      | .2632582                                      |
| Si                          | 2.849545                                       |              | 2.466172                                     | Sf                      | 3.165156                                       | K                     | .0714428                                      | z                      | .1160433                                      | m                        | .0300000                                      |
| n                           | .1300000                                       |              | 36.341171                                    | b-al                    | 12.839472                                      | the                   | 102.83949                                     | phi                    | 126.34119                                     | 2-LEV                    | EL THRUST                                     |
| N                           | 2.000000                                       | SAB          | .2000000                                     | w2                      | .1300000                                       | w3                    | .0400000                                      | SF                     | .0632343                                      | LFr                      | .7768374                                      |
| PRA                         | 1.040000                                       |              | .1009268                                     | PRC                     | 1.1414858                                      | L                     | .1511250                                      | min                    | .0832878                                      | max                      | .2607738                                      |
| Si                          | 2.849547                                       |              | 2.519029                                     | Sf                      | 3.165645                                       | K                     | .0678372                                      | z                      | .1096488                                      | m                        | .0400000                                      |
| n                           | .1300000                                       |              | 66.341171                                    | b-al                    | 15.026038                                      | the                   | 105.02606                                     | phi                    | 126.34119                                     | 2-LEV                    | TEL THRUST                                    |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0400000<br>3.561945<br>.1300000 | SAB          | .2000000<br>.0675251<br>2.928692<br>6.341171 | w2<br>PRC<br>Sf<br>b-al | .1300000<br>1.0441996<br>3.166320<br>17.235267 | w3<br>L<br>K<br>the   | .0500000<br>.2439327<br>.1535399<br>107.23529 | SF<br>min<br>z<br>phi  | .0654984<br>.0903929<br>.0139462<br>126.34119 | LFr<br>max<br>m          | .8676434<br>.2578789<br>.0500000              |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.050000<br>2.849558<br>.1300000  | SAB          | .2000000<br>.0737916<br>2.572499<br>6.341171 | Sf .                    | .1300000<br>1.1462506<br>3.166320<br>17.235267 | w3<br>L<br>K .<br>the | .0500000<br>.1548844<br>.0644915<br>107.23529 | SF<br>min<br>z<br>phi  | .0654984<br>.0903929<br>.1029946<br>126.34119 | LFr<br>max<br>m<br>2-LEV | .7860107<br>.2578789<br>.0500000<br>EL THRUST |
| N<br>PRA<br>S <b>i</b><br>n | 2.0000000<br>1.0553420<br>2.374629<br>.1300000 | PRB 1<br>SAB | .2000000<br>.0582029<br>2.323973<br>6.341171 | w2<br>PRC<br>Sf<br>b-al | .1300000<br>1.287522<br>3.166320<br>17.235267  | w3<br>L<br>K<br>the   | .0500000<br>.0955181<br>.0051252<br>107.23529 | SF<br>min<br>z<br>phi  | .0654984<br>.0903929<br>.1623608<br>126.34119 | LFr<br>max<br>m<br>2-LEV | .7315874<br>.2578789<br>.0500000<br>EL THRUST |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0500000<br>3.419459<br>.1300000 | PRB 1<br>SAB | .2000000<br>.0468841<br>2.911502<br>6.341171 | Sf                      | .1300000<br>1.0427478<br>3.167233<br>19.470873 | w3<br>L<br>K<br>the   | .0600000<br>.2297325<br>.1326535<br>109.47089 | SF.<br>min<br>z<br>phi | .0683775<br>.0970790<br>.0248325<br>126.34119 | LFr<br>max<br>m          | .8649292<br>.2545650<br>.0600000              |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0600000<br>2.849559<br>.1300000 | PRB 1<br>SAB | .2000000<br>.0484759<br>2.626552<br>6.341171 | Sf                      | .1300000<br>1.1501000<br>3.167233<br>19.470873 | w3<br>L<br>K<br>the   | .0600000<br>.1584950<br>.0614160<br>109.47089 | SF<br>min<br>z<br>phi  | .0683775<br>.0970790<br>.0960701<br>126.34119 | LFr<br>max<br>m<br>2-LEV | •7959957<br>•2545650<br>•0600000<br>EL THRUST |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0652414<br>2.442469<br>.1300000 | PRB 1<br>SAB | .2000000<br>.0358499<br>2.411384<br>6.341171 | w2<br>PRC<br>Sf<br>b-al | .1300000<br>1.267993<br>3.167233<br>19.470873  | w3<br>L<br>K<br>the   | .0600000<br>.1076088<br>.0105298<br>109.47089 | SF<br>min<br>z<br>phi  | .0683775<br>.0970790<br>.1469562<br>126.34119 | LFr<br>max<br>m<br>2-LEV | .7467547<br>.2545650<br>.0600000<br>EL THRUST |

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| N<br>PRA<br>Si | 2.0000000<br>1.0600000<br>3.324476 | wl<br>PRB<br>SAB | .2000000<br>1.0266250<br>2.918661 | w2<br>PRC<br>Sf | .1300000<br>• 1.0574204<br>3.168423 | w3<br>L<br>K | .0700000<br>.2213211<br>.1180034 | SF<br>min<br>z | .0720444<br>.1033177<br>.0294826 | LFr<br>max<br>m | .8673811<br>.2508037<br>.0700000 |
|----------------|------------------------------------|------------------|-----------------------------------|-----------------|-------------------------------------|--------------|----------------------------------|----------------|----------------------------------|-----------------|----------------------------------|
| n              | .1300000                           | gem              | 36.341171                         | b-al            | 21.738145                           | the          | 111.73817                        | phi            | 126.34119                        | 2-LEV           | VEIL THRUST                      |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | <b>w</b> 3   | .0700000                         | SF             | .0720444                         | LFr             | .8069115                         |
| PRA<br>Si      | 1.0699670<br>2.849546              | PRB<br>SAB       | 1.0251471<br>2.681101             | PRC<br>Sf       | 1.1527729<br>3.168423               | L<br>K       | .1619549<br>.0586372             | min<br>z       | .1033177<br>.0888488             | max<br>m        | .2508037<br>.0700000             |
| n              | .1300000                           | gam              | 36.341171                         |                 | 21.738145                           | , the        | 111.73817                        | phi            | 126.34119                        |                 | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .0700000                         | SF             | .0720444                         | LFr             | .7615604                         |
| PRA<br>Si      | 1.0745232<br>2.493360              | PRB<br>SAB       | 1.0146842<br>2.489447             | PRC<br>Sf       | 1.254323<br>3.168423                | L<br>K       | •1174317<br>•0141139             | min<br>z       | .1033177                         | max<br>m        | .0700000                         |
| n              | .1300000                           | gam              | 36.341171                         | b-al            | 21.738145                           | the          | 111.73817                        | phi            | 126.34119                        | 2-LEV           | VEL THRUST                       |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .0800000                         | SF             | .0766087                         | LFr             | .8732309<br>.2465802             |
| PRA<br>Si      | 1.0700000<br>3.256626              | PRB<br>SAB       | 1.0074848<br>2.939967             | PRC<br>Sf       | 1.0702226<br>3.169969               | L<br>K       | .2161560<br>.1070619             | min<br>z       | .1090942<br>.0304242             | max<br>m        | .0800000                         |
| n              | .1300000                           | gam              | 36.341171                         | b-al            | 1 -1 0                              | the          | 114.04184                        | phi            | 126.34119                        | 2-LEV           | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .0800000                         | SF             | .0766087                         | LFr             | .8188095                         |
| PRA<br>Si      | 1.0797344<br>2.849552              | PRB<br>SAB       | 1.0041856<br>2.735672             | PRC<br>Sf       | 1.1539233<br>3.169969               | L<br>K       | .1652718<br>.0561 <b>7</b> 76    | min<br>z       | .1090942<br>.0813084             | max             | .2465802<br>.0800000             |
| n              | .1300000                           | gam              | 36.341171                         |                 | 24.041817                           | the          | 114.04184                        | phi            | 126.34119                        |                 | EL THRUST                        |
| N              | 2.0000000                          |                  | .2000000                          | w2              | .1300000                            | w3           | .0800000                         | SF             | .0766087                         | LFr             | .7764797                         |
| PRA<br>Si      | 1.0834170<br>2.532932              | PRB<br>SAB       | .9954928<br>2.561445              | PRC<br>Sf       | 1.2431739<br>3.169969               | L.<br>K      | .1256943<br>.0166001             | min<br>z       | .1090942<br>.1208859             | max<br>m        | .2465802<br>.0800000             |
| n              | 1300000                            | gam              | 36.341171                         | b-al            | 24.041817                           | the          | 114.04184                        | phi            | 126.34119                        |                 | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .0900000                         | SF             | .0821486                         | LFr             | .8815909                         |
| PRA<br>Si      | 1.0800000<br>3.205750              | PRB<br>SAB       | .9901078<br>2.970335              | PRC<br>Sf       | 1.0785451<br>3.171950               | L<br>K       | .2129688<br>.0985842             | min<br>z       | .1143846<br>.0289018             | max             | .2418706<br>.0900000             |
| n .            | .1300000                           |                  | 36.341171                         |                 | 26.387580                           | the          | 116.38760                        | phi            | 126.34119                        |                 | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .0900000                         | SF             | .0821486                         | LFr             | .8317022                         |
| PRA<br>Si      | 1.0892151<br>2.849549              | PRB .<br>SAB     | •9859971<br>2•789997              | PRC<br>Sf       | 1.1530467<br>3.171950               | L<br>K       | •1684437<br>•0540591             | min<br>z       | .1143846<br>.0734270             | max<br>m        | .2418706<br>.0900000             |
| n              | .1300000                           |                  | 36.341171                         |                 | 26.387580                           | the          | 116.38760                        | phi            | 126.34119                        |                 | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .0900000                         | SF             | .0821486                         | LFr             | •7917919                         |
| PRA<br>Si      | 1.0920302<br>2.564591              | PRB<br>SAB       | .9788253<br>2.629315              | PRC<br>Sf       | 1.2324759<br>3.171950               | L<br>K       | .1328240<br>.0184393             | min<br>z       | .1143846<br>.1090467             | max<br>m        | .2418706                         |
| n              | .1300000                           |                  | 36.341171                         |                 | 26.387580                           | the          | 116.38760                        | phi            | 126.34119                        |                 | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .1000000                         | SF             | .0888510                         | LFr             | .8920670                         |
| PRA<br>Si      | 1.0899947<br>3.166168              | PRB<br>SAB       | •9752951<br>3•006906              | PRC<br>Sf       | 1.0824716<br>3.174478               | L<br>K       | .2110500<br>.0918910             | min<br>z       | .1191591<br>.0255950             | max<br>m        | .2366450                         |
| n              | .1300000                           |                  | 36.341171                         |                 | 28.782049                           | the          | 118.78207                        | phi            | 126.34119                        |                 | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | 1000000                          | SF             | .0888510                         | LFr             | .8457070                         |
| PRA<br>Si      | 1.0984017<br>2.849548              | PRB<br>SAB .     | .9711717<br>2.844058              | PRC<br>Sf       | 1.1493121<br>3.174478               | L<br>K       | .1714726<br>.0523135             | min<br>z       | .1191591<br>.0651 <b>72</b> 5    | max<br>m        | .2366450<br>.1000000             |
| n              | 1300000                            |                  | 36.341171                         |                 | 28.782049                           | the          | 118.78207                        | phi            | 126.34119                        |                 | I THRUST                         |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .1000000                         | SF             | .0888510                         | LFr             | .8077765                         |
| PRA<br>Si      | 1.1004414<br>2.590499              | PRB<br>SAB       | .9653688<br>2.694327              | PRC<br>Sf       | 1.2204749<br>3.174478               | L            | .1390915<br>.0199325             | min            | •1191591<br>•0975535             | max             | .2366450<br>.1000000             |
| n              | •1300000                           |                  | 36.341171                         |                 | 28.782049                           | K<br>the     | 118.78207                        | z<br>phi       | 126.34119                        | m<br>2-LEVE     | L THRUST                         |
| N              | 2.0000000                          | wl               | .2000000                          | w2              | .1300000                            | w3           | .1100000                         | SF             | .0968657                         |                 | .9044438                         |
| PRA<br>Si      | 1.0998607<br>3.134500              | . PRB<br>SAB     | .9644968<br>3.047601              | PRC<br>Sf       | 1.0810719<br>3.177704               | L<br>K       | .2099781<br>.0865949             | min<br>z       | .1233832<br>.0208911             |                 | .2308692<br>.1100000             |
| •n             | •1300000                           |                  | 36.341171                         |                 | 31.232814                           | the          | 121.23283                        | z<br>phi       | 126.34119                        |                 | L THRUST                         |
|                |                                    |                  |                                   |                 |                                     |              |                                  |                |                                  |                 |                                  |

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|     |          |                        |         |                    |            |  |            |                        |          |             | - "         |             |
|-----|----------|------------------------|---------|--------------------|------------|--|------------|------------------------|----------|-------------|-------------|-------------|
|     | BT       | 2.0000000              | wl      | 2000000            | w2         | .1300000   | w3         | .1100000               | SF       | .0968657    | IFr         | .8609076    |
|     | N<br>PRA | 1.1073271              |         | 9608948            | PRC        | 1.1411602  | L          | .1743603               | min      | .1233832    | max         | .2308692    |
| (9) | Si       | 2.849557               |         | 897951             | Sf         | 3.177704   | K          | .0509771               | Z        | .0565089    | m           | .1100000    |
|     |          | •1300000               |         |                    |            | 31.232814  | the        | 121.23283              | phi      | 126.34119   |             | VEL THRUST  |
|     | n        | •1500000               | Ball Jo | • )                | D=0.1.     | ) L. L. J. L | 0110       | 111.27.07              | P        | 1000)       |             | ,           |
|     | N        | 0 0000000              | wl .    | 2000000            | w2         | .1300000   | w3         | .11.00000              | SF       | .0968657    | LFr         | .8246250    |
|     | N        | 2.0000000              |         | 9564033            | PRC        | 1.2049697  | L          | .1446762               | min      | 1233832     | max         | 2308692     |
|     | PRA      | 1.1087246              |         |                    | Sf         | 3.177704   | K          | .0212930               | Z        | .0861930    | m           | .1100000    |
|     | Si       | 2.612084               |         | •757378            |            | 31.232814  | the        |                        | phi      | 126.34119   |             | VEL THRUST  |
|     | n        | .1300000               | gam 36  | .341171            | D=8T       | )1.6)2014  | OHC.       | 121.23283              | piir     | 120. 74119  | 2-140       | VEL TIMOOT  |
|     | RT       | 0.0000000              | ••1     | 2000000            | •••        | .1400000   | w3         | .0200000               | SF       | .0735865    | LFr         | .7720490    |
|     | N<br>PRA | 2.0000000<br>1.0200000 |         | 2000000<br>1793613 | w2<br>PRC  | 1.1237398  | L          | .1483307               | min      | .0755807    | mex         | 2653449     |
|     | Si       | 2.849555               |         | .393224            | Sf         | _  | K          |                        |          | .1170142    |             | .0200000    |
|     |          |                        |         |                    |            | 3.171728   |            | .0727500<br>1.00.67179 | z<br>phi | 129.02251   | m<br>oren   | VEL THRUST  |
|     | n        | .1400000               | gem 39. | .022490            | 0-81       | 10.671771  | the        | 1.00.01119             | PILE     | 129.022)1   | ا تابدا = ے | AET TITIOOT |
|     | N        | 2.0000000              | wl .    | 2000000            | w2         | .1400000   | w3         | .0300000               | SF       | .0747690    | LFr         | .7796278    |
|     | PRA      | 1.0300000              |         |                    | PRC        | 1.1300425  | L          | .1523934               | min      | .0834940    | max         | .2632582    |
|     | Si       | 2.849543               |         | ·445457            | Sf         | 3.172068   | K          | .0688994               | Z        | 1108648     | m           | .0300000    |
|     | n        | 1400000                |         |                    |            | 12.839472  | the        | 102.83949              | phi      | 129.02251   |             | VEL THRUST  |
|     | 11       | •140000                | gam 39  | 022490             | 0 = &⊥     | 12.079412  | OHE        | 102.003949             | pm       | 129.022)1   | 2           | 1111001     |
|     | N        | 2.0000000              | wl .2   | 2000000            | w2         | .1400000   | w3         | .0400000               | SF       | .0763712    | LFr         | .7879591    |
|     | PRA      | 1.0400000              | _       |                    | PRC        | 1.1358295  | L          | .1563053               | min      | 0910096     | max         | .2607738    |
|     | Si       | 2.849561               |         |                    | Sf         | 3.172557   | K          | .0652958               | Z        | .1044685    | m           | .0400000    |
|     | n        | .1400000               |         |                    |            | 15.026038  | the        | 105.02606              | phi      | 129.02251   |             | VEL THRUST  |
|     | 11       | •1400000               | Bam 77  | 022490             | D=01.      | 17.020070  | Onc        | 107.02000              | Prit     | 129.02271   | ر سد – ب    | , HE IMOOT  |
|     | N        | 2,0000000              | wl .a   | 2000000            | w2         | .1400000   | • w3 •     | •0500000               | SF       | .0786352    | LFr         | .8833923    |
|     | PRA      | 1.0400000              |         |                    |            | 1.0218161  | L          | .2491112               | min      | .0981147    | max         | 2578789     |
|     | Si       | 3.561944               |         | -                  | Sf         | 3.173232   | K          | 1509965                | Z        | .0087677    | m           | .0500000    |
|     | n        | 1400000                |         |                    |            | 17.235267  | the        | 107.23529              | phi      | 129.02251   | 211         | •0,00000    |
|     | ••       | •1+00000               | Boun Jy | 022470             | D-011      | 110277201  | One        | 101.627767             | PILL     | 11/1011/1   |             |             |
|     | Ν.       | 2.0000000              | wl .2   | 2000000            | w2         | .1400000   | <b>w</b> 3 | •0500000               | SF       | .0786352    | LFr         | .7972241    |
|     | PRA      | 1.0500000              |         |                    |            | 1.1409920  | L          | .1600628               | min      | .0981147    | max         | .2578789    |
|     | Si       | 2.849557               |         |                    | Sf         | 3.173232   | ĸ          | .0619481               | Z        | .0978161    | m           | .0500000    |
|     | n        | 1400000                |         |                    |            | 17.235267  | the        | 107.23529              | phi      | 129.02251   |             | EL THRUST   |
|     | ••       | •1+00000               | Sum Jy  | 022170             | D-041      | 1100)101   | 0110       | 10 02//2/              | Pitt     | 11,0011     |             |             |
|     | N        | 2.0000000              | wl .2   | 2000000            | w2         | .1400000   | w3         | .0500000               | SF       | .0786352    | LFr         | .7397776    |
|     | PRA      | 1.0543807              |         |                    | PRC        | 1.287115   | L          | .1006966               | min      | .0981147    | max         | .2578789    |
|     | Si       | 2.374627               |         |                    | Sf         | 3.173232   | ĸ          | .0025819               | z        | 1571823     | m           | .0500000    |
|     | n        | .1400000               |         |                    |            | 17.235267  | the        | 107.23529              | phi      | 129.02251   |             | EL THRUST   |
|     |          | •                      | 0 )),   |                    |            | -1271  |            | ,,,,_,                 | 2        |             |             |             |
|     | N        | 2.0000000              | wl .2   | 2000000            | w2         | .1400000   | <b>w</b> 3 | .0600000               | SF       | .0815144    | LFr         | .8798771    |
|     |          | 1.0500000              |         | _                  |            | 1.0339330  | Ĺ          | .2349110               | min      | .1048008    | max         | 2545650     |
|     | Si       | 3.419458               |         |                    | Sf         | 3.174146   | K          | .1301102               | z        | .0196541    | m           | .0600000    |
|     | n        | .1400000               |         |                    |            | 19.470873  | the        | 109.47089              | phi      | 129.02251   | 2-LEV       | EL THRUST   |
|     |          |                        |         |                    |            |  |            |                        | •        |             |             |             |
|     | N        | 2.0000000              | wl .2   | 2000000            | w2         | .1400000   | w3         | .0600000               | SF       | .0815144    | LFr         | .8073149    |
|     | PRA      | 1.0600012              |         |                    |            | 1.1453790  | Ĺ          | .1636734               | min      | .1048008    | max         | .2545650    |
|     | Si       | 2.849557               |         |                    | Sf         | 3.174146   | K          | .0588726               | Z        | .0908916    | m           | .0600000    |
|     | n.       | 1400000                |         |                    | b-al       | 19.470873  | the        | 109.47089              | phi      | 129.02251   |             | EL THRUST   |
|     |          |                        | J       |                    |            |  |            |                        | •        |             |             |             |
|     | N        | 2.0000000              | wl .2   | 2000000            | w2         | .1400000   | w3         | •0600000               | SF       | .0815144    | LFr         | •7554827    |
|     | PRA      | 1.0643630              |         |                    | PRC        | 1.267165   | L          | .1127873               | min      | .1048008    | max         | 2545650     |
|     | Si       | 2.442468               |         |                    | Sf         | 3.174146   | K          | 0079865                | Z        | .1417778    | m           | .0600000    |
|     | n        | .1400000               |         |                    | b-al       | 19.470873  | the        | 109.47089              | phi      | 129.02251   | 2-LEV       | EL THRUST   |
|     |          |                        |         |                    |            |  |            |                        | -        |             |             |             |
|     | N        | 2.0000000              |         |                    | w2         | .1400000   | w3         | .0700000               | SF       | .0851812    | LFr         | .8818474    |
|     | PRA      | 1.0600000              |         |                    |            | 1.0526307  | L          | 2264996                | min      | .1110395    | max         | .2508037    |
|     | Si       | 3.324475               | SAB 2.  | 897946             | Sf         | 3.175335   | K          | .1154601               | z        | .0243042    | m           | .0700000    |
|     | n        | .1400000               | gam 39. | 022490 1           | b-al       | 21.738145  | the        | 111.73817              | phi      | 129.02251 * |             | EL THRUST   |
|     |          |                        |         |                    |            |  |            |                        |          |             |             | 4           |
|     | N        | 2.0000000              | wl .2   | 000000             | <b>w</b> 2 | 1400000  | w3         | .0700000               | SF       | .0851812    | LFr         | .8183565    |
|     | PRA      | 1.0699378              | PRB 1.0 |                    | PRC        | 1.1487862  | Ľ          | .1671352               | min      | .1110395    | max         | 2508637     |
|     | Si       | 2.849560               | SAB 2.  | 660311             | 3 <b>f</b> | 3.175335   | K          | .0560957               | z        | .0836685    | m           | .0700000    |
|     | n        | .1400000               | gam 39. | 022490             | al         | 21.738145  | the        | 111.73817              | phi      | 129.02251   | 2-LEV       | EL THRUST   |
|     |          |                        |         |                    |            |  |            |                        |          |             |             |             |

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|---------------------|--|---|---|--|--|--|
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .0700000  | SF .0851812  | LFr .7707358 max .2508037 m .0700000 2-LEVEL THRUST          |
| PRA                 | 1.0736305                                      | PRB 1.0268563   | *PRC 1.253712   | L .1226101   | min .1110395   |  |
| Si                  | 2.493359                                       | SAB 2.466506  | Sf 3.175335   | K .0115706   | z .1281936   |  |
| n                   | .1400000                                       | gam 39.022490   | b-al 21.738145  | the lll.73817  | phi 129.02251  |  |
| N<br>PRA<br>Si      | 2.0000000<br>1.0700000<br>3.256625<br>.1400000 | w1 .2000000<br>PRB 1.0206618<br>SAB 2.919252<br>gam 39.022490 | w2 .1400000 PRC 1.0662218 Sf 3.176881 b-al 24.041817          | w3 .0800000<br>L .2213345<br>K .1045185<br>the 114.04184 | SF .0897446<br>min .1168160<br>z .0252457<br>phi 129.02251 | IFr .8874035<br>max .2465802<br>m .0800000<br>2-LEVEL THRUST |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .0800000  | SF .0897446  | LFr .8303909   |
| PRA                 | 1.0796376                                      | PRB 1.0167580   | PRC 1.1509713   | L .1704502   | min .1168160   | max .2465802   |
| Si                  | 2.849551                                       | SAB 2.714681  | Sf 3.176881   | K .0536343   | z .0761300   | m .0800000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 24.041817  | the 114.04184  | phi °129.02251   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .0800000  | SF .0897446  | LFr .7860460   |
| PRA                 | 1.0824678                                      | PRB 1.0066508   | PRC 1.2432968   | L .1308727   | min .1168160   | max .2465802   |
| Si                  | 2.532931                                       | SAB 2.538325  | Sf 3.176881   | K .0140568   | z .1157074   | m .0800000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 24.041817  | the 114.04184  | phi 129.02251  | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .0900000  | SF .0952845  | IFr .8955946   |
| PRA                 | 1.0800000                                      | PRB 1.0017687   | PRC 1.0758162   | L .2181473   | min .1221064   | max .2418706   |
| Si                  | 3.205749                                       | SAB 2.949620  | Sf 3.178862   | K .0960409   | z .0237234   | m .0900000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 26.387580  | the 116.38760  | phi 129.02251.   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .0900000  | SF .0952845  | IFr .8434382   |
| PRA                 | 1.0890300                                      | PRB .9969977  | PRC 1.1515771   | L .1736221   | min .1221064   | max .2418706   |
| Si                  | 2.849548                                       | SAB 2.768754  | Sf 3.178862   | K .0515157   | z .0682485   | m .0900000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 26.387580  | the 116.38760  | phi 129.02251  | 2-IEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .0900000  | SF .0952845  | IFr .8017140   |
| PRA                 | 1.0910054                                      | PRB .9885808  | PRC 1.2339277   | L .1380024   | min .1221064   | max .2418706   |
| Si                  | 2.564590                                       | SAB 2.605972  | Sf 3.178862   | K .0158960   | z .1038682   | m .0900000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 26.387580  | the 116.38760  | phi 129.02251  | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .1000000  | SF .1019878  | IFr .9059944   |
| PRA                 | 1.0899863                                      | PRB .9848527  | PRC 1.0817629   | L .2162285   | min .1268809   | max .2366450   |
| Si                  | 3.166166                                       | SAB 2.986164  | Sf 3.181391   | K .0893477   | z .0204166   | m .1000000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 28.782049  | the 118.78207  | phi 129.02251  | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .1000000  | SF .1019878  | IFr .8576183   |
| PRĄ                 | 1.0981178                                      | PRB .9800431  | PRC 1.1500922   | L .1766510   | min .1268809   | max .2366450   |
| Si                  | 2.849546                                       | SAB 2.822534  | Sf 3.181391   | K .0497702   | z .0599940   | m .1000000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 28.782049  | the 118.78207  | phi 129.02251  | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .1000000  | SF1019878  | IFr .8180390   |
| PRA                 | 1.0993339                                      | PRB .9730869  | PRC 1.2241464   | L .1442700   | min .1268809   | max .2366450   |
| Si                  | 2.590498                                       | SAB 2.670742  | Sf 3.181391   | K .0173891   | z .0923751   | m .1000000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 28.782049  | the 118.78207  | phi 129.02251  | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000°  | w3 .1100000  | SF .1100025  | IFr .9183664   |
| PRA                 | 1.0998087                                      | PRB .9708178  | PRC 1.0837907   | L .2151585   | min .1311050   | max .2308692   |
| Si                  | 3.134514                                       | SAB 3.026732  | Sf 3.184616   | K .0840535   | z .0157107   | m .1100000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 31.232814  | the 121.23283  | phi 129.02251  | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl .2000000   | w2 .1400000   | w3 .1100000  | SF .1100025  | IFr .8730145   |
| PRA                 | 1.1069415                                      | PRB .9664543  | PRC 1.1456877   | L .1795387   | min .1311050   | max .2308692   |
| Si                  | 2.849556                                       | SAB 2.876137  | Sf 3.184616   | K .0484337   | z .0513305   | m .1100000   |
| n                   | .1400000                                       | gam 39.022490   | b-al 31.232814  | the 121.23283  | phi 129.02251  | 2-LEVEL THRUST   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1075354<br>2.612083 •           | wl .2000000<br>PRB .9608182<br>SAB 2.733556<br>gam 39.022490  | w2 .1400000<br>PRC 1.2125171<br>Sf 3.184616<br>b-al 31.232814 | w3 .1100000<br>L .1498547<br>K .0187497<br>the 121.23283 | SF .1100025<br>min .1311050<br>z .0810145<br>phi 129.02251 | IFr .8352194<br>max .2308692<br>m .1100000<br>2-LEVEL THRUST |

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|-----|-----------|----------------|-----------------|---------------|---------------|----------------|
| N   | 2.0000000 | wl .2000000    | w2 .1400000     | w3 .1200000   | SF .1195107   | IFr .9326000   |
| PRA | 1.1093678 | PRB .9610695   | PRC 1.0807782   | L • .2146626  | min .1347361  | max .2245002   |
| Si  | 3.108595  | SAB 3.069925   | Sf 3.188740     | K .0799265    | z .0098377    | m .1200000     |
| n   | .1400000  | gam 39.022490  | b-al 33.748912  | the 123.74893 | phi 129.02251 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl2000000      | w2 .1400000     | w3 .1200000   | SF .1195107   | Hr .8897219    |
| PRA | 1.1155630 | PRB .9574278   | PRC 1.1368066   | L .1822815    | min .1347361  | max .2245002   |
| Si  | 2.849546  | SAB 2.929723   | Sf 3.188740     | K .0475455    | z .0422187    | m .1200000     |
| n   | .1400000  | gam 39.022490  | b-al 33.74891.2 | the 123.74893 | phi 129.02251 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1400000     | w3 .1200000   | SF .1195107   | LFr .8534413   |
| PRA | 1.1156935 | PRB .9530628   | PRC 1.1970000   | L .1548824    | min .1347361  | max .2245002   |
| Si  | 2.630354  | SAB 2.795139   | Sf 3.188740     | K .0201464    | z .0696178    | m .1200000     |
| n   | .1400000  | gem 39.022490  | b-al 33.748912  | the 123.74893 | phi 129.02251 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1500000     | w3 .0200000   | SF .0889702   | IFr .7838926   |
| PRA | 1.0200000 | PRB 1.1985598  | PRC 1.1198396   | L .1541557    | min .0840969  | max .2653449   |
| Si  | 2.849547  | SAB 2.369915   | Sf 3.180887     | K .0700589    | z .1111892    | m .0200000     |
| n   | .1500000  | gam 41.810053  | b-al 10.671771  | the 100.67179 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.000000  | wl2000000      | w2 .1500000     | w3 .0300000   | SF .0901527   | . IFr .7915735 |
| PRA | 1.0300000 | PRB 1.1660499  | PRC 1.1263556   | L .1582203    | min .0920101  | max .2632582   |
| Si  | 2.849550  | SAB 2.422155   | Sf 3.181227     | K .0662102    | z .1050379    | m .0300000     |
| n   | .1500000  | gam 41.810053  | b-al 12.839472  | the 102.83949 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1500000     | w30400000     | SF .0917549   | IFr .8000164   |
| PRA | 1.0400000 | PRB 1.1352047  | PRC 1.1324257   | L .1621304    | min .0995257  | max .2607738   |
| Si  | 2.849552  | SAB 2.475013   | Sf 3.181716     | K .0626047    | z .0986434    | m .0400000     |
| n   | .1500000  | gam 41.810053  | b-al 15.026038  | the 105.02606 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1500000     | w3 .0500000   | SF .0940189   | iFr .9001112   |
| PRA | 1.040000  | PRB 1.0990021  | PRC 1.0038275   | L .2549362    | min .1066309  | max .2578789   |
| Si  | 3.561936  | SAB 2.884669   | Sf 5.182391     | K .1483054    | z .0029427    | m .0500000     |
| n   | .1500000  | gam 41.810053  | b-al 17.235267  | the 107.23529 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1500000     | w3 .0500000   | SF .0940189   | LFr .8094072   |
| PRA | 1.0500000 | PRB 1.1060454  | PRC 1.1379466   | L .1658878    | min .1066309  | max .2578789   |
| Si  | 2.849548  | SAB 2.528475   | Sf 3.182591     | K .0592570    | z .0919911    | m .0500000     |
| n   | .1500000  | gam 41.810053  | b-al 17.235267  | the 107.23529 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1500000     | w3 .0600000   | SF .0968981   | IFr .8958302   |
| PRA | 1.0500000 | PRB 1.0775052  | PRC 1.0302853   | L .2407379    | min .1133170  | max .2545650   |
| Si  | 3.419465  | SAB 2.867486   | Sf 3.183305     | K .1274210    | z .0138271    | m .0600000     |
| n   | .1500000  | gam. 41.810053 | b-al 19.470873  | the 109.47089 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1500000     | w3 .0600000   | SF .0968981   | LFr .8196383   |
| PRA | 1.0599998 | PRB 1.0786063  | PRC 1.1428002   | L .1694985    | min .1133170  | max .2545650   |
| Si  | 2.849549  | SAB 2.582527   | Sf 3.185305     | K .0561815    | z .0850666    | m .0600000     |
| n   | .1500000  | gam 41.810053  | b-al 19.470873  | the 109.47089 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl2000000      | w2 .1500000     | w3 .0600000   | SF .0968981   | IFr .7652159   |
| PRA | 1.0632972 | PRB 1.0615041  | PRC 1.269295    | L .1186142    | min .1133170  | max .2545650   |
| Si• | 2.442475  | SAB 2.362620   | Sf 3.183305     | K .0052972    | z .1359508    | m .0600000     |
| n   | .1500000  | gam 41.810053  | b-al 19.470873  | the 109.47089 | phi 131.81007 | 2-IEVEL THRUST |
| N   | 2.0000000 | wl .2000000    | w2 .1500000     | w5 .0700000   | SF .1005650   | LFr .8973522   |
| PRA | 1.0600000 | PKB 1.0556646  | PRC 1.0493741   | L .2323265    | min .1195557  | mex .2508037   |
| Si  | 3.324481  | SAB 2.874644   | Sf 3.184494     | K .1127709    | z .0184772    | m .0700000     |
| n   | .1500000  | gem 41.810053  | b-al 21.738145  | the 111.73817 | phi 131.81007 | 2-LEVEL THRUST |
| N   | 2.0000000 | wl2000000      | w2 .1500000     | w3 .0700000   | SF .1005650   | LFr .8308354   |
| PRA | 1.0698931 | PRB 1.0530707  | PRC 1.1468152   | L .1729603    | min .1195557  | max .2508037   |
| Si  | 2.849551  | SAB 2.636875   | Sf 3.184494     | K .0534046    | z .0778434    | m .0700000     |
| n   | .1500000  | gam 41.810053  | b-al 21.738145  | the 111.73817 | phi 131.81007 | 2-LEVEL THRUST |

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| N<br>PRA<br>Si      | 2.0000000<br>1.0725621<br>2.493350<br>.1500000 | wl<br>PRB<br>SAB<br>gem | .2000000<br>1.0390676<br>2.440533<br>41.810053 | w2 .1500000<br>PRC 1.255776<br>Sf 3.184494<br>b-al 21.738145 | w3<br>L<br>K<br>the | .0700000<br>.1284351<br>.0088795<br>111.73817 | SF<br>min<br>z<br>phi | .1005650<br>.1195557<br>.1223686<br>131.81007 | IFr .7809467<br>max .2508037<br>m .0700000<br>2-LEVEL THRUST |
|---------------------|--|-------------------------|--|--|---------------------|---|-----------------------|---|--|
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | W3                  | .0800000                                      | SF                    | 2201.200                                      | IFr .9026470   |
| PRA                 | 1.0700000                                      | PRB                     | 1.0343579                                      | PRC 1.0636268  | L                   | .2271614                                      | min                   |   | max .2465802   |
| S1                  | 3.256632                                       | SAB                     | 2.895951                                       | Sf 3.186040  | K                   | .1018293                                      | z                     |   | m .0800000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 24.041817   | the                 | 114.04184                                     | phi                   |   | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .0800000                                      | SF                    | .1051283                                      | IFr .8430424   |
| PRA                 | 1.0795116                                      | PRB                     | 1.0296999                                      | PRC 1.1498029  | L                   | .1762772                                      | min                   | .1253321                                      | max .2465802   |
| Si                  | 2.849557                                       | SAB                     | 2.691022                                       | Sf 3.186040  | K                   | .0509450                                      | z                     | .0703030                                      | m .0800000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 24.041817   | the                 | 114.04184                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .0800000                                      | SF                    | .1051283                                      | LFr .7966824   |
| PRA                 | 1.0813456                                      | PRB                     | 1.0180561                                      | PRC 1.2457429  | L                   | .13 <b>66</b> 997                             | min                   | .1253321                                      | max .2465802   |
| S1                  | 2.532938                                       | SAB                     | 2.512182                                       | Sf 3.186040  | K                   | .0113676                                      | z                     | .1098805                                      | m .0800000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 24.041817   | the                 | 114.04184                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .0900000                                      | SF                    | .1106682                                      | LFr .9107008   |
| PRA                 | 1.0800000                                      | PRE                     | 1.0141793                                      | PRC 1.0742018  | L                   | .2239723                                      | min                   | .1306226                                      | max .2418706   |
| Si                  | 3.205740                                       | SAB                     | 2.926311                                       | Sf 3.188021  | K                   | .0933497                                      | z                     | .0178983                                      | m .0900000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 26.387580   | the                 | 116.38760                                     | phi                   | 131.81007                                     | 2-1EVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .0900000                                      | SF                    | .1106682                                      | LFr .8562794   |
| PRA                 | 1.0888027                                      | PRB                     | 1.0086546                                      | PRC 1.1515080  | L                   | .1794491                                      | min                   | .1306226                                      | mex .2418706   |
| Si                  | 2.849554                                       | SAB                     | 2.744806                                       | Sf . 3.188021  | K                   | .0488265                                      | z                     | .0624216                                      | m .0900000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 26.387580   | the                 | 116.38760                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .0900000                                      | SF                    | .1106682                                      | IFr .8127413   |
| PRA                 | 1.0898051                                      | PRB                     | .9989101                                       | PRC 1.2372103  | L·                  | .1438294                                      | min                   | .1306226                                      | max .2418706   |
| Si                  | 2.564597                                       | SAB                     | 2.579593                                       | Sf 3.188021  | K                   | .0132068                                      | z                     | .0980413                                      | m .0900000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 26.387580   | the                 | 116.38760                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .1000000                                      | SF                    | .1173716                                      | LFr .9210596   |
| PRA                 | 1.0899715                                      | PRB                     | .9956474                                       | PRC 1.0815714  | L                   | .2220554                                      | min                   | .1353970                                      | max .2366450   |
| Si                  | 3.166173                                       | SAB                     | 2.962816                                       | Sf 3.190550  | K                   | .0866584                                      | z                     | .0145896                                      | m .1000000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 28.782049   | the                 | 118.78207                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .1000000                                      | SF                    | .1173716                                      | LFr .8706675   |
| PRA                 | 1.0977800                                      | PRB                     | .9901089                                       | PRC 1.1515766  | L                   | .1824780                                      | min                   | .1353970                                      | mex .2366450   |
| Si                  | 2.849553                                       | SAB                     | 2.798271                                       | Sf 3.190550  | K                   | .0470810                                      | z                     | .0541671                                      | m .1000000   |
| n                   | .1500000                                       | gem                     | 41.810053                                      | .b-al 28.782049  | the                 | 118:78207                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .1000000                                      | SF                    | .1173716                                      | IFr .8294392   |
| PRA                 | 1.0980469                                      | PRB                     | .9819607                                       | PRC 1.2288311  | L                   | .1500969                                      | min                   | .1353970                                      | max .2366450   |
| Si                  | 2.590505                                       | SAB                     | 2.644108                                       | Sf 3.190550  | K                   | .0146999                                      | z                     | .0865481                                      | m .1000000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 28.782049   | the                 | 118.78207                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2 .1500000  | w3                  | .1100000                                      | SF                    | .1253862                                      | IFr .9334564   |
| PRA                 | 1.0997417                                      | PRB                     | .9794565                                       | PRC 1.0857584  | L                   | .2209835                                      | min                   | .1396212                                      | max .2308692   |
| Si                  | 3.134505                                       | SAB                     | 3.003212                                       | Sf 3.193775  | K                   | .0813624                                      | z                     | .0098857                                      | m .1100000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 31.232814   | the                 | 121.23283                                     | phi                   | 131.81007                                     | 2-IEVEL THRUST   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1064906<br>2.849547<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9743544<br>2.851542<br>41.810053  | w2 .1500000<br>PRC 1.1494964<br>Sf 3.193775 b-al 31.232814   | w3<br>L<br>K<br>the | .1100000<br>.1853638<br>.0457426<br>121.23283 | SF<br>min<br>z<br>phi | .1253862<br>.1396212<br>.0455054<br>131.81007 | LFr 8862896<br>max 2308692<br>m 1100000<br>2-LEVEL THRUST    |
| N                   | 2.0000000                                      | , wl                    | .2000000                                       | w2 .1500000  | w3                  | .1100000                                      | SF                    | .1253862                                      | IFr .8469849   |
| PRA                 | 1.1061622                                      | PRB                     | .9676007                                       | PRC 1.2194755  | L                   | .1556816                                      | min                   | .1396212                                      | mex .2308692   |
| Si                  | 2.612090                                       | SAB                     | 2.706669                                       | Sf 3.193775  | K                   | .0160605                                      | z                     | .0751876                                      | m .1100000   |
| n                   | .1500000                                       | gam                     | 41.810053                                      | b-al 31.232814   | the                 | 121.23283                                     | phi                   | 131.81007                                     | 2-LEVEL THRUST   |

|   | ,                     |  |                 |  |                         |   |                     |  |                         |   |                           |  |
|---|-----------------------|--|-----------------|--|-------------------------|---|---------------------|--|-------------------------|---|---------------------------|--|
|   | N<br>PRÅ<br>Si<br>n   | 2.0000000<br>1.1092275<br>3.108602<br>.1500000 | PRB<br>SAB      | .2000000<br>.9663929<br>3.046188<br>1.810053 | Sf                      | .1500000<br>.1.0863113<br>3.197899<br>33.748912 | w3<br>L<br>K<br>the | .1200000<br>.2204895°<br>.0772373<br>123.74893 | SF<br>min<br>z<br>phi   | .1348944<br>.1432522<br>.0040107<br>131.81007 | LFr<br>max<br>m<br>2-LEV  | .9477787<br>.2245002<br>.1200000<br>/EL THRUST |
|   | N<br>PRA<br>Si<br>n   | 2.0000000<br>1.1150014<br>2.849553<br>.1500000 | PRB<br>SAB      | .2000000<br>.9619509<br>2.904822<br>1.810053 | w2<br>PRC<br>Sf<br>b-al | .1500000<br>1.1444382<br>3.197899<br>33.748912  | w3<br>L<br>K<br>the | .1200000<br>.1881085<br>.0448563<br>123.74893  | SF<br>min<br>z<br>phi   | .1348944<br>.1432522<br>.0363918<br>131.81007 | IFr<br>max<br>m<br>2-LEV  | .9032517<br>.2245002<br>.1200000<br>/EL THRUST |
|   | N<br>PRA<br>Si<br>n   | 2.0000000<br>1.1142419<br>2.630361<br>.1500000 | PRB<br>SAB      | .2000000<br>.9564692<br>2.768020<br>1.810053 | w2<br>PRC<br>Sf<br>b-al | .1500000<br>1.2078819<br>3.197899<br>33.748912  | w3<br>L<br>K<br>the | .1200000<br>.1607094<br>.0174572<br>123.74893  | SF<br>min<br>z<br>phi   | .1348944<br>.1432522<br>.0637909<br>131.81007 | LFr<br>max<br>m<br>2-LEV  | .8655748<br>.2245002<br>.1200000<br>/EL THRUST |
|   | N<br>PRA<br>Si '<br>n | 2.0000000<br>1.1233928<br>2.849545<br>.1500000 | PRB<br>SAB      | .2000000<br>.9541184<br>2.958326<br>1.810053 | w2<br>PRC<br>Sf<br>b-al | .1500000<br>1.1348443<br>3.203204<br>36.341171  | w3<br>L<br>K<br>the | .1300000<br>.1907082<br>.0444702<br>126.34119  | SF<br>min<br>z<br>phi   | .1460991<br>.1462379<br>.0267778<br>131.81007 | LFr<br>mex<br>m<br>2-LEV  | .9216719<br>.2174860<br>.1300000<br>EL THRUST  |
| • | N<br>PRA<br>Si<br>n   | 2.0000000<br>1.1223785<br>2.646008<br>.1500000 | PRB SAB         | .2000000<br>.9498694<br>2.828758<br>1.810053 | w2<br>PRC<br>Sf<br>b-al | .1500000<br>1.1921335<br>3.203204<br>36.341171  | w3<br>L<br>K<br>the | .1300000<br>.1652660<br>.0190281<br>126.34119  | SF<br>min<br>z<br>phi   | .1460991<br>.1462379<br>.0522199<br>131.81007 | LFr<br>max<br>m<br>2-LEV  | .8853913<br>.2174860<br>.1300000<br>EL THRUST  |
|   | N<br>PRA<br>Si        | 2.0000000<br>1.0200000<br>2.849551<br>.1600000 | PRB 1.          | .2000000<br>.2180053<br>2.343620<br>4.724704 | w2<br>PRC<br>Sf<br>b-al | .1600000<br>1.1186969<br>3.193367<br>10.671771  | w3<br>L<br>K<br>the | .0200000<br>.1607304<br>.0672202<br>100.67179  | SF<br>min<br>z<br>phi   | .1069756<br>.0935102<br>.1046145<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .7967882<br>.2653449<br>.0200000<br>EL THRUST  |
|   | N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0300000<br>2.849554<br>.1600000 | PRB 1.          | .2000000<br>.1844254<br>2.395861<br>4.724704 | w2<br>PRC<br>Sf<br>b-al | .1600000<br>1.1254488<br>3.193707<br>12.839472  | w3<br>L<br>K<br>the | .0300000<br>.1647949<br>.0633715<br>.102.83949 | SF<br>min<br>z<br>phi   | .1081581<br>.1014234<br>.0984632<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .8046074<br>.2632582<br>.0300000<br>EL THRUST  |
|   | N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0400000<br>2.849556<br>.1600000 | PRB 1.          | .2000000<br>.1525287<br>2.448718<br>4.724704 | w2<br>PRC<br>Sf<br>b-al | .1600000<br>1.1318032<br>3.194196<br>15.026038  | w3<br>L<br>K<br>the | .0400000<br>.1687050<br>.0597660<br>105.02606  | SF<br>min<br>z<br>phi   | .1097603<br>.1089390<br>.0920688<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .8132019<br>.2607738<br>.0400000<br>EL THRUST  |
|   | N<br>PRA<br>Si        | 2.0000000<br>1.0500000<br>2.849552<br>.1600000 | PRB 1.<br>SAB 2 | .2000000<br>.1223219<br>2.502181<br>4.724704 | Sf                      | .1600000<br>1.1376724<br>3.194871<br>17.235267  | w3<br>L<br>K<br>the | .0500000<br>.1724625<br>.0564183<br>107.23529  | SF<br>min<br>z<br>. phi | .1120243<br>.1160442<br>.0854164<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .8227568<br>.2578789<br>.0500000<br>EL TARUST  |
| • | N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0500000<br>3.419468<br>.1600000 | PRB 1.<br>SAB 2 | .2000000<br>.0933968<br>2.841192<br>4.724704 | Sf                      | .1600000<br>1.0287246<br>3.195784<br>19.470873  | w3<br>L<br>K<br>the | .0600000<br>.2473126<br>.1245823<br>109.47089  | SF<br>min<br>z<br>phi   | .1149035<br>.1227303<br>.0072525<br>134.72472 | LFr<br>max<br>m<br>2=LEV  | .9129877<br>.2545650<br>.0600000<br>EL: THRUST |
|   | N<br>PRA<br>Si<br>n   | 2.0000000<br>1.0599928<br>2.849553<br>.1600000 | PRB 1.<br>SAB 2 | 2000000<br>0938367<br>2.556213<br>4.724704   | Sf                      | .1600000<br>1.1429519<br>3.195784<br>19.470873  | w3<br>L<br>K<br>the | .0600000<br>.1760731<br>.0533428<br>.109.47089 | SF<br>min<br>z<br>phi   | .1149035<br>.1227303<br>.0784919<br>134.72472 | LFr<br>max<br>m<br>2-LEVI | .8331671<br>.2545650<br>.0600000<br>IL THRUST  |
|   | N<br>PRA<br>Si<br>n   | 2.000000<br>1.0619982<br>2.442479<br>.1600000  | PRB 1.<br>SAB 2 | 2000000<br>0741137<br>•333153<br>•724704     | w2<br>PRC<br>Sf<br>b-al | .1600000<br>1.275217<br>3.195784<br>19.470873   | w3<br>L<br>K<br>the | .0600000<br>.1251888<br>.0024586<br>109.47089  | SF<br>min<br>z<br>phi   | .1149035<br>.1227303<br>.1293762<br>134.72472 | LFr<br>max<br>m<br>2-LEVI | .7761536<br>.2545650<br>.0600000<br>IL THRUST  |
|   | N<br>PRA<br>Si *      | 2.0000000<br>1.0600000<br>3.324485<br>.1600000 | PRB 1.<br>SAB 2 | 2000000<br>0707448<br>2.848350<br>2.724704   | Sf                      | .1600000<br>1.0482378<br>3.196974<br>21.738145  | w3<br>L<br>K<br>the | .0700000<br>.2389011<br>.1099322<br>111.73817  | SF<br>min<br>z<br>phi   | .1185703<br>.1289690<br>.0119026<br>134.72472 | LFr<br>max<br>m<br>2-LEVE | .9140968<br>.2508037<br>.0700000<br>IL THRUST  |
|   |                       |  |                 |  |                         |   |                     |  |                         |   |                           |  |

|                     |  |                         |  |      | •   |                             |  |                       |   |                           |   |
|---------------------|--|-------------------------|--|------|---|-----------------------------|--|-----------------------|---|---------------------------|---|
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2   | .1600000  | w3                          | .0700000                                       | SF                    | •1185703                                      | LFr                       | .8445559                                      |
| PRA                 | 1.0698267                                      | PRB                     | 1.0672892                                      | PRC  | 1.1474968                                       | L                           | .1795349                                       | min                   | •1289690                                      | max                       | .2508037                                      |
| Si                  | 2.849555                                       | SAB                     | 2.610391                                       | Sf   | 3.196974  | K                           | .0505659                                       | z                     | •0712688                                      | m                         | .0700000                                      |
| n                   | .1600000                                       | gam                     | 44.724704                                      | b-al | 21.738145                                       | the                         | 111.73817                                      | phi                   | 134•72472                                     | 2-LE                      | VEL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2   | .1600000  | w3                          | .0700000                                       | SF                    | .1185703                                      | LFr                       | .7924004                                      |
| PRA                 | 1.0712789                                      | PRB                     | 1.0512329                                      | PRC  | 1.261351  | L                           | .1350098                                       | min                   | .1289690                                      | max                       | .2508037                                      |
| S1                  | 2.493354                                       | SAB                     | 2.411039                                       | Sf   | 3.196974  | K                           | .0060408                                       | z                     | .1157939                                      | m                         | .0700000                                      |
| n                   | .1600000                                       | gam                     | 44.724704                                      | b-al | 21.738145                                       | the                         | 111.73817                                      | phi                   | 134.72472                                     | 2-LE                      | VEL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | . w2 | .1600000  | w3                          | .0800000                                       | SF                    | .1231337                                      | LFr                       | .9191694                                      |
| PRA                 | 1.0700000                                      | PRB                     | 1.0484435                                      | PRC  | 1.0631003                                       | L                           | .2337361                                       | min                   | .1347455                                      | max                       | .2465802                                      |
| Si                  | 3.256635                                       | SAB                     | 2.869656                                       | Sf   | 3.198520  | K                           | .0989906                                       | z                     | .0128441                                      | m                         | .0800000                                      |
| n                   | .1600000                                       | gam                     | 44.724704                                      | b-al | 24.041817                                       | the                         | 114.04184                                      | phi                   | 134.72472                                     | 2-LEV                     | VEL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2   | .1600000  | w3                          | .0800000                                       | SF                    | .1231337                                      | LFr                       | .8569708                                      |
| PRA                 | 1.0793493                                      | PRB                     | 1.0428874                                      | PRC  | 1.1511600                                       | L                           | .1828499                                       | min                   | .1347455                                      | max                       | .2465802                                      |
| Si                  | 2.849546                                       | SAB                     | 2.664256                                       | Sf   | 3.198520  | K                           | .0481045                                       | z                     | .0637303                                      | m                         | .0800000                                      |
| n                   | .1600000                                       | gam                     | 44.724704                                      | b-al | 24.041817                                       | the                         | 114.04184                                      | phi                   | 134.72472                                     | 2-LEV                     | VEL THRUST                                    |
| <br>N               | 2.0000000                                      | wl                      | .2000000                                       | w2   | .1600000  | w3                          | .0800000                                       | SF                    | .1231337                                      | LFr                       | .8085947                                      |
| PRA                 | 1.0800127                                      | PRB                     | 1.0295540                                      | PRC  | 1.251440  | L                           | .1432724                                       | min                   | .1347455                                      | max                       | .2465802                                      |
| Si                  | 2.532926                                       | SAB                     | 2.482503                                       | Sf   | 3.198520  | K                           | .0085270                                       | z                     | .1033078                                      | m                         | .0800000                                      |
| n                   | .1600000                                       | gam                     | 44.724704                                      | b-al | 24.041817                                       | the                         | 114.04184                                      | phi                   | 134.72472                                     | 2-LEV                     | /EL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2   | .1600000  | w3                          | .0900000                                       | SF                    | .1286736                                      | LFr                       | .9271269                                      |
| PRA                 | 1.0800000                                      | PRB                     | 1.0271015                                      | PRC  | 1.0744941                                       | L                           | .2305470                                       | min                   | .1400359                                      | max                       | .2418706                                      |
| Si                  | 3.205744                                       | SAB                     | 2.900017                                       | Sf   | 3.200501  | K                           | .0905111                                       | z                     | .0113237                                      | m                         | .0900000                                      |
| n                   | .1600000                                       | gam                     | 44.724704                                      | b-al | 26.387580                                       | the                         | 116.38760                                      | phi                   | 134.72472                                     | 2-LEV                     | /EL THRUST                                    |
| N                   | 2.0000000                                      | wl                      | .2000000                                       | w2   | .1600000  | w3                          | .0900000                                       | SF                    | .1286736                                      | LFr                       | .8704386                                      |
| PRA                 | 1.0885250                                      | PRB                     | 1.0207262                                      | PRC  | 1.1537291                                       | L                           | .1860237                                       | min                   | .1400359                                      | max                       | .2418706                                      |
| Si                  | 2.849559                                       | SAB                     | 2.717721                                       | Sf   | 3.200501  | K                           | .0459878                                       | z                     | .0558469                                      | m                         | .0900000                                      |
| n                   | .1600000                                       | gam                     | 44.724704                                      | b-al | 26.387580                                       | the                         | 116.38760                                      | phi                   | 134.72472                                     | 2-LEV                     | El THRUST                                     |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0883939<br>2.564601<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0095397<br>2.549680<br>44.724704 | ·Sf  | .1600000<br>.1:2433944<br>3.200501<br>26.387580 | w3<br>L<br>K<br>the         | .0900000<br>.1504040<br>.0103681<br>.116.38760 | SF<br>min<br>z<br>phi | .1286736<br>.1400359<br>.0914667<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .8250857<br>.2418706<br>.0900000<br>EL THRUST |
| N<br>PRA<br>Si      | 2.0000000<br>1.0899484<br>3.166162<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0072183<br>2.936440<br>44.724704 | Sf   | .1600000<br>1.0829694<br>3.203030<br>28.782049  | w3<br>L<br>K<br>the         | .1000000<br>.2286282<br>.0838179<br>118.78207  | SF<br>min<br>z<br>phi | .1353769<br>.1448103<br>.0080169<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .9374762<br>.2366450<br>.1000000<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0973782<br>2.849557<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0008898<br>2.770831<br>44.724704 | Sf   | ·.1600000<br>1.1549538<br>3.203030<br>28.782049 | w3<br>L<br>K<br>the         | .1000000<br>.1890526<br>.0442423<br>118.78207  | SF<br>min<br>z<br>phi | .1353769<br>.1448103<br>.0475925<br>134.72472 | LFr<br>max<br>m<br>2-LEVI | .8850708<br>.2366450<br>.1000000<br>EL THRUST |
| N<br>PRA<br>Si      | 2.0000000<br>1.0965452<br>2.590493<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9914704<br>2.613915<br>44.724704  | Sf   | 1600000<br>1.2359183<br>3.203030<br>28.782049   | w3<br>L<br>K<br><b>t</b> he | .1000000<br>.1566696<br>.0118593<br>118.78207  | SF<br>min<br>z<br>phi | .1353769<br>.1448103<br>.0799754<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .8421908<br>.2366450<br>.1000000<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0996550<br>3.134509<br>.1600000 | wl<br>PRB<br>SAB<br>gem | .2000000<br>.9893890<br>2.976646<br>44.724704  | Sf   | .1600000<br>1.0886889<br>3.206255<br>31.232814  | w3<br>L<br>K<br>the         | .1100000<br>.2275581<br>.0785237<br>121.23283  | SF<br>min<br>z<br>phi | .1433916<br>.1490345<br>.0033111<br>134.72472 | LFr<br>max<br>m<br>2-LEVE | .9499416<br>.2308692<br>.1100000<br>EL THRUST |
|                     | 2.0000000<br>1.1059630<br>2.849551<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9835249<br>2.823744<br>44.724704  | Sf   | .1600000<br>1.1544824<br>3.206255<br>31.232814  | w3<br>L<br>K<br><b>t</b> he | .1100000<br>.1919384<br>.0429039<br>121.23283  | SF<br>min<br>z<br>phi | .1433916<br>.1490345<br>.0389308<br>134.72472 | LFr<br>max<br>m<br>2-LEVE |   |

| N                | 2.0000000                                      | wl .2000000  | w2 .1600000   | w3 .1100000  | SF .1433916  | LFr .8601446   |
|------------------|--|--|---|--|--|--|
| PRA              | 1.1045711                                      | PRB .9756161   | PRC 1.2279976   | L .1622563   | min .1490345   | max .2308692   |
| Si               | .2.612094                                      | SAB 2.676219   | Sf 3.206255   | K .0132218   | z .0686130   | m .1100000   |
| n                | .1600000                                       | gam 44.724704  | b-al 31.232814  | the 121.23283  | phi 134.72472  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl .2000000  | w2 .1600000   | w3 .1200000  | SF .1528997  | IFr .9182120   |
| PRA              | 1.1143520                                      | PRB .9689223   | PRC 1.1517976   | L .1946831   | min .1526655   | max .2245002   |
| Si               | 2.849557                                       | SAB 2.876678   | Sf 3.210379   | K .0420176   | z .0298172   | m .1200000   |
| n                | .1600000                                       | gam 44.724704  | b-al 33.748912  | the 123.74893  | phi 134.72472  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | vl .2000000  | w2 .1600000   | w3 .1200000  | SF .1528997  | LFr .8791370   |
| PRA              | 1.1125690                                      | PRB .9623490   | PRC 1.2187052   | L .1672821   | min .1526655   | max .2245002   |
| Si               | 2.630349                                       | SAB 2.737317   | Sf 3.210379   | K .0146166   | z .0572181   | m .1200000   |
| n                | .1600000                                       | gam 44.724704  | b-al 33.748912  | the 123.74893  | phi 134.72472  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | vl .2000000  | w2 .1600000   | w3 .1300000  | SF .1641045  | IFr .9369488   |
| PRA              | 1.1226304                                      | PRB .9576467   | PRC 1.1460967   | L .1972828   | min .1556512   | max .2174860   |
| Si               | 2.849549                                       | SAB 2.929859   | Sf 3.215684   | K .0416316   | z .0202032   | m .1300000   |
| n                | .1600000                                       | gam 44.724704  | b-al 36.341171  | the 126.34119  | phi 134:72472  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl .2000000  | w2 .1600000   | w3 .1300000  | SF .1641045  | IFr .8993712   |
| PRA              | 1.1206397                                      | PRB .9523043   | PRC 1.2068994   | L .1718407   | min .1556512   | max .2174860   |
| Si               | 2.646012                                       | SAB 2.797864   | Sf 3.215684   | K .0161894   | z .0456453   | m .1300000   |
| n                | .1600000                                       | gam 44.724704  | b-al 36.341171  | the 126.34119  | phi 134.72472  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl .2000000  | w2 .1600000   | w3 .1400000  | SF .1772518  | IFr .9573269   |
| PRA              | 1.1308903                                      | PRB .9509439   | PRC 1.1358343   | L .1997395   | min .1579294   | max .2097641   |
| Si               | 2.849548                                       | SAB 2.983568   | Sf 3.222596   | K .0418100   | z .0100247   | m .1400000   |
| n                | .1600000                                       | gam 44.724704  | b-al 39.022490  | the 129.02251  | phi 134.72472  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl .2000000  | w2 .1600000   | w3 .1400000  | SF .1772518  | IFr :9210444   |
| PRA              | 1.1288815                                      | PRB .9468017   | PRC 1.1907695   | L .1759930   | min .1579294   | max :2097641   |
| Si               | 2.659576                                       | SAB 2.858374   | Sf 3.222596   | K .0180636   | z .0337712   | m :1400000   |
| n                | .1600000                                       | gam 44.724704  | b-al 39.022490  | the 129.02251  | phi 134.72472  | 2-IEVEL THRUST   |
| N PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849550<br>.1700000 | wl .200000<br>PRB 1.2378048<br>SAB 2.313789<br>gam 47.794385 | w2 .1700000<br>PRC 1.1211949<br>Sf 3.211123<br>b-al 10.671771 | w3 .0200000<br>L .1681881<br>K .0642279<br>the 100.67179 | SF .1280975<br>min .1039602<br>z .0971568<br>phi 137.79441 | IFr .8109741<br>max .2653449<br>m .0200000<br>2-IEVEL THRUST |
| N                | 2.0000000                                      | wl .2000000  | w2 .1700000   | w3 .0300000  | SF .1292811  | LFr .8189774   |
| PRA              | 1.0300000                                      | PRB 1.2030695  | PRC 1.1282157   | L .1722527   | min .1118735   | max .2632582   |
| Si               | 2.849553                                       | SAB 2.366030   | Sf 3.211463   | K .0603792   | z .0910055   | m .0300000   |
| n                | .1700000                                       | gem 47.794385  | b-al 12.839472  | the 102.83949  | phi 137.79441  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl ·.2000000   | w2 .1700000   | w3 .0400000  | SF .1308823  | LFr 8277683  |
| PRA              | 1.0400000                                      | PRB l.1700488  | PRC 1.1348788   | L .1761627   | min .1193891   | max 2607738  |
| Si               | 2.849556                                       | SAB 2.418887   | Sf 3.211952   | K .0567737   | z .0846110   | m 0400000  |
| n                | .1700000                                       | gam 47.794385  | b-al 15.026038  | the 105.02606  | phi 137.79441  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl .2000000  | w2 .1700000   | w3 .0500000  | SF .1331463  | LFr .8375311   |
| PRA              | 1.0500000                                      | PRB 1.1387429  | PRC 1.1411030   | L .1799202   | min .1264942   | max .2578789   |
| Si               | 2.849552                                       | SAB 2.472349   | Sf 3.212627   | K .0534260   | z .0779587   | m .0500000   |
| n                | .1700000                                       | gam 47.794385  | b-al 17.235267  | the 107.23529  | phi 137.79441  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl .2000000  | w2 .1700000   | w3 .0600000  | SF .1360254  | LFr .8481646   |
| PRA              | 1.0599754                                      | PRB 1.1091913  | PRC 1.1467982   | L .1835308   | min .1331803   | max .2545650   |
| Si               | 2.849552                                       | SAB 2.526332   | Sf 3.213541   | K .0503505   | z .0710342   | m .0600000   |
| n                | .1700000                                       | gam 47.794385  | b-al 19.470873  | the 109.47089  | phi 137.79441  | 2-LEVEL THRUST   |
| N                | 2.0000000                                      | wl .2000000  | w2 .1700000   | w3 .0700000  | SF .1396923  | IFr .9323568   |
| PRA              | 1.0600000                                      | PRB 1.0861534  | PRC 1.0501044   | L .2463589   | min .1394190   | max .2508037   |
| Si               | 3.324485                                       | SAB 2.818519   | Sf 3.214730   | K .1069399   | z .0044448   | m .0700000   |
| n                | .1700000                                       | gam 47.794385  | b-al 21.738145  | the 111.73817  | phi 137.79441  | 2-LEVEL THRUST   |

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|     |            |     |           |  |     | (1)       |     |           |   |
|-----|------------|-----|-----------|--|-----|-----------|-----|-----------|---|
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .0700000  | SF  | •1396923  | LFr .8597937  |
| PR/ | 1.0697313  | PRB | 1.0816469 | PRC 1.1518367  | L   | .1869927  | min | •1394190  | max .2508037  |
| Si  | 2.849555   | SAB | 2.580288  | Sf 3.214730  | K   | .0475736  | z   | •0638111  | m .0700000  |
| n   | .1700000   | gam | 47.794385 | b-a1 21.738145                                       | the | 111.73817 | phi | 137•79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .0700000  | SF  | .1396923  | IFr .8053694  |
| PR/ | 1.0697284  | PRB | 1.0632934 | PRC 1.271745   | L   | .1424675  | min | .1394190  | max .2508037  |
| Si  | 2.493354   | SAB | 2.377341  | Sf 3.214730  | K   | .0030485  | z   | .1083362  | m .0700000  |
| n   | .1700000   | gam | 47.794385 | b-al 21.738145                                       | the | 111.73817 | phi | 137.79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .0800000  | SF  | .1442557  | LFr .9372521  |
| PRA | 1.0700000  | PRB | 1.0628605 | PRC 1.0655789  | L   | .2411938  | min | .1451955  | max .2465802  |
| Si  | 3.256635   | SAB | 2.839825  | Sf 3.216277  | K   | .0959983  | z   | .0053864  | m .0800000  |
| n   | .1700000   | gam | 47.794385 | b-al 24.041817                                       | the | 114.04184 | phi | 137.79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000 PRC 1.1560932 Sf 3.216277 b-al 24.041817 | w3  | .0800000  | SF  | .1442557  | IFr .8724613  |
| PR/ | 1.0791410  | PRB | 1.0562642 |  | L   | .1903076  | min | .1451955  | max .2465802  |
| Si  | 2.849546   | SAB | 2.633832  |  | K   | .0451122  | z   | .0562726  | m .0800000  |
| n   | .1700000   | gam | 47.794385 |  | the | 114.04184 | phi | 137.79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .0800000  | SF  | .1442557  | LFr .8220720  |
| PRA | 1.0784228  | PRB | 1.0410528 | PRC 1.261692   | L   | .1507321  | min | .1451955  | max .2465802  |
| Si  | 2.532941   | SAB | 2.448653  | Sf 3.216277  | K   | .0055366  | z   | .0958481  | m .0800000  |
| n   | .1700000   | gam | 47.794385 | b-al 24.041817                                       | the | 114.04184 | phi | 137.79441 | 2-LEVEL THRUST                                      |
| N   | 2.000000   | wl  | .2000000  | w2 .1700000  | w3  | .0900000  | SF  | •1497955  | IFr .9451571  |
| PRA | 1.0800011  | PRB | 1.0404085 | PRC 1.0777212  | L   | .2380047  | min | •1504859  | max .2418706  |
| Si  | 3.205744   | SAB | 2.870188  | Sf 3.218257  | K   | .0875188  | z   | •0038660  | m .0900000  |
| n   | .1700000   | gam | 47.794385 | b-al 26.387580                                       | the | 116.38760 | phi | 137•79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .0900000  | SF  | •1497955  | LFr .8862009  |
| PRA | 1.0881857  | PRB | 1.0330831 | PRC 1.1593922  | L   | .1934815  | min | •1504859  | max .2418706  |
| Si  | 2.849558   | SAB | 2.686923  | Sf 3.218257  | K   | .0429955  | z   | •0483892  | m .0900000  |
| n   | .1700000   | gam | 47.794385 | b-al 26.387580                                       | the | 116.38760 | phi | 137•79441 | .2-LEVEL THRUST                                     |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .0900000  | SF  | .1497955  | LFr .8390341  |
| PRA | 1.0867261  | PRB | 1.0203053 | PRC 1.253874   | L   | .1578617  | min | .1504859  | max .2418706  |
| Si  | 2.564600   | SAB | 2.515571  | Sf 3.218257  | K   | .0073758  | z   | .0840089  | m .0900000  |
| n   | .1700000   | gam | 47.794385 | b-al 26.387580                                       | the | 116.38760 | phi | 137.79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .1000000  | SF  | .1564989  | IFr .9555464  |
| PRA | 1.0899129  | PRB | 1.0193238 | PRC 1.0871262  | L   | .2360859  | min | .1552604  | max .2366450  |
| Si  | 3.166161   | SAB | 2.906496  | Sf 3.220786  | K   | .0808256  | z   | .0005592  | m .1000000  |
| n   | .1700000   | gam | 47.794385 | b-al 28.782049                                       | the | 118.78207 | phi | 137.79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | 1000000   | SF  | .1564989  | IFr .9011259  |
| PRA | 1.0968998  | PRB | 1.0121303 | PRC 1.1615355  | L   | .1965103  | min | .1552604  | max .2366450  |
| Si  | ·2.849557  | SAB | 2.739637  | Sf 3.220786  | K   | .0412500  | z   | .0401347  | m .1000000  |
| n   | .1700000   | gam | 47.794385 | b-al 28.782049                                       | the | 118.78207 | phi | 137.79441 | 2=LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .1000000  | SF  | .1564989  | LFr .8565989 max .2366450 m .1000000 2-LEVEL THRUST |
| PRA | 1.0947859  | PRB | 1.0013266 | PRC 1.2469376  | L   | .1641293  | min | .1552604  |   |
| Si  | 2.590508   | SAB | 2.579535  | Sf 3.220786  | K   | .0088689  | z   | .0725158  |   |
| n   | .1700000   | gam | 47.794385 | b-al 28.782049                                       | the | 118.78207 | phi | 137.79441 |   |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .1100000  | SF  | .1645136  | IFr .9173260  |
| PRA | 1.1053448  | PRB | .9934630  | PRC 1.1622669  | L   | .1993961  | min | .1594845  | max .2308692  |
| Si, | 2.849551   | SAB | 2.792152  | Sf 3.224012  | K   | .0399116  | z   | .0314731  | m .1100000  |
| n   | .1700000   | gam | 47.794385 | b-al 31.232814                                       | the | 121.23283 | phi | 137.79441 | 2-LEVEL THRUST                                      |
| N   | 2.0000000  | wl  | .2000000  | w2 .1700000  | w3  | .1100000  | SF  | .1645136  | LFr .8749981  |
| PRA | 1.1027187  | PRB | .9843186  | PRC 1.2399448°                                       | L   | .1697140  | min | .1594845  | max .2308692  |
| Si  | 2.612093 • | SAB | 2.641548  | Sf 3.224012  | K   | .0102295  | z   | .0611552  | m .1100000  |
| n   | .1700000   | gam | 47.794385 | b-al 31.232814                                       | the | 121.23283 | phi | 137.79441 | 2-LEVEL THRUST                                      |
|     |            |     |           |  |     |           |     |           |   |

|                     |  |                         |  |   | •                      |   |                        |   |                           |  |
|---------------------|--|-------------------------|--|---|------------------------|---|------------------------|---|---------------------------|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1135995<br>2.849557<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9772298<br>2.844702<br>47.794385  | w2 .1700<br>PRC 1.1612<br>Sf 3.228<br>b-al 33.748       | 303 L<br>136 K         | .1200000<br>.2021408<br>.0390253<br>123.74893 | SF<br>min<br>z<br>phi  | .1740217<br>.1631156<br>.0223594<br>137.79441 | max<br>m                  | .9349117<br>.2245002<br>.1200000<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1106333<br>2.630349<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9695247<br>2.702394<br>47.794385  | w2 .17000<br>PRC 1.23200<br>Sf 3.228<br>b-al 33.748     | 952 L<br>136 K         | .1200000<br>.1747399<br>.0116243<br>123.74893 | SF<br>min<br>z<br>phi  | .1740217<br>.1631156<br>.0497604<br>137.79441 | IFr<br>max<br>m<br>2-LEV  | .8944416<br>.2245002<br>.1200000<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1217538<br>2.849549<br>.1700000 | wl<br>PRB<br>SAB<br>gem | .2000000<br>.9637189<br>2.897530<br>47.794385  | w2 .17000<br>PRC 1.1579<br>Sf 3.233<br>b-al 36.341      | +13 L<br>+40 K         | .1300000<br>.2047405<br>.0386393<br>126.34119 | SF<br>min<br>z<br>phi  | .1852265<br>.1661013<br>.0127454<br>137.79441 | LFr<br>mex<br>m<br>2-LEV  | .9540081<br>.2174860<br>.1300000<br>TEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1186376<br>2.646012<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9573044<br>.2.762735<br>47.794385 | w2 .17000<br>PRC 1.22257<br>Sf 3.2331<br>b-al 36.3411   | 754 L<br>140 •K        | .1300000<br>.1792984<br>.0131971<br>126.34119 | SF<br>min<br>z<br>phi  | .1852265<br>.1661013<br>.0381876<br>137.79441 | LFr<br>max<br>m<br>2-LEV  | .9151354<br>.2174860<br>.1300000<br>TEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1299050<br>2.849548<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9535162<br>2.950929<br>47.794385  | w2 .17000<br>PRC 1.15161<br>Sf 3.2403<br>b-al 39.022    | 100 L<br>353 K         | .1400000<br>.2071972<br>.0388177<br>129.02251 | of<br>min<br>z<br>phi  | •1983738<br>•1683795<br>•0025670<br>137•79441 | LFr<br>max<br>m<br>2-LEV  | .9747763<br>.2097641<br>.1400000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1268362<br>2.659576<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9483003<br>2.823103<br>47.794385  | w2 .17000<br>PRC 1.21037<br>. Sf 3.2403<br>b-al 39.0224 | 740 L.<br>553 K        | .1400000<br>.1834507<br>.0150713<br>129.02251 | SF<br>min<br>z<br>phi  | •1983738<br>•1683795<br>•0263134<br>137•79441 | LFr<br>max<br>m<br>2-LEV  | .9372854<br>.2097641<br>.1400000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1353390<br>2.671445<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9438514<br>2.884019<br>47.794385  | w2 .17000<br>PRC 1.19375<br>Sf 3.2495<br>b-al 41.8100   | 83 L<br>812 K          | .1500000<br>.1872444<br>.0173811<br>131.81007 | SF<br>min<br>z<br>phi  | .2137499<br>.1698633<br>.0140036<br>137.79441 | LFr<br>max<br>m<br>2-LEV  | .9611187<br>.2012480<br>.1500000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849553<br>.1800000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.258111<br>2.279680<br>51.05743   | w2 .18000<br>PRC 1.12906<br>Sf 3.2382<br>b-al 10.6717   | 88 L<br>70 K           | .020000<br>.1767159<br>.0610775<br>100.67179  | SF<br>min<br>z<br>phi  | .1530075<br>.1156384<br>.0886290<br>141.05745 | LFr<br>max<br>m<br>2-LEV  | .8267737<br>.2653449<br>.0200000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849556<br>.1800000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.2221.076<br>2.331921<br>51.05743 | w2 .18000<br>PRC 1.13641<br>Sf 3.2386<br>b-al 12.8394   | 12 L<br>11 K           | .0300000<br>.1807804<br>.0572288<br>102.83949 | SF<br>min<br>z<br>phi  | .1541901<br>.1235517<br>.0824777<br>141.05745 | max<br>m                  | .8350153<br>.2632582<br>.0300000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849558<br>.1800000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.1878664<br>2.384778<br>51.05743  | w2 .18000<br>PRC 1.14342<br>Sf 3.2390<br>b-al 15.0260   | 75 L<br>99 K           | .0400000<br>.1846905<br>.0536232<br>105.02606 | SF<br>min<br>z<br>phi  | .1557913<br>.1310673<br>.0760833<br>141.05745 | LFr<br>max<br>m<br>2-LEVI | .8440561<br>.2607738<br>.0400000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849554<br>.1800000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.1553781<br>2.438240<br>51.05743  | w2 .18000<br>PRC 1.15004<br>Sf . 3.2397<br>b-al 17.2352 | 31 L<br>74 K<br>67 the | .0500000<br>.1884480<br>.0502756<br>107.23529 | SF<br>min<br>z<br>phi  | .1580563<br>.1381724<br>.0694309<br>141.05745 | LFr<br>max<br>m<br>2-LEV  | .8540831<br>.2578789<br>.0500000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0599402<br>2.849555<br>.1800000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.1247201<br>2.492123<br>51.05743  | w2 .18000<br>PRC 1.15617<br>Sf 3.2406<br>b-al 19.4708   | 42 L<br>88 K           | .0600000<br>.1920586<br>.0472000<br>109.47089 | SF.<br>min<br>z<br>phi | .1609345<br>.1448585<br>.0625065<br>141.05745 | LFr<br>max<br>m<br>2-LEVE | .8649950<br>.2545650<br>.0600000<br>IL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0695978<br>2.849557<br>.1800000 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0961677<br>2.545799<br>51.05743  | w2 .180000<br>PRC 1.16170<br>Sf 3.2418'<br>b-al 21.7381 | 41 I<br>78 K           | .0700000<br>.1955204<br>.0444232<br>111.73817 | SF<br>min<br>z<br>phi  | .1646013<br>.1510972<br>.0552833<br>141.05745 | IFr<br>max<br>m<br>2=LEVE | .8769159<br>.2508037<br>.0700000               |

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|            |                  | t                    | 4                          |                 |            |            |              |           |             |                  |
|------------|------------------|----------------------|----------------------------|-----------------|------------|------------|--------------|-----------|-------------|------------------|
|            | 0 0000000        |                      | 2000000                    | w2 .180000      | 0 w3       | .0800000   | SF           | .1691656  | LFr         | .8898935         |
| N          | 2.0000000        | MJ                   |                            |                 |            | .1988354   | min          | .1568737  | max         | .2465802         |
| • PRA      | 1.0788757        | PRB                  |                            | PRC 1.166521    |            |            |              |           |             |                  |
| Si         | 2.849548         | SAB                  | 2.598967                   | Sf 3.24342      |            | .0419617   | Z            | .0477448  | m           | .0800000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 24.04181   | 7 the      | 114.04184  | phi          | 141.05745 | 2-15        | VEL THRUST       |
|            | ,                |                      |                            |                 |            |            |              |           |             |                  |
| RT         | 2,0000000        | wl                   | 2000000                    | w2 .180000      | 0 w3       | .0800000   | SF           | .1691656  | LFr         | .8374863         |
| N          |                  |                      | - '                        |                 |            |            | min          | .1568737  | max         | .2465802         |
| PRA        | 1.0765104        | PRB                  | 1.0524873                  | PRC 1.27886     |            | .1592579   |              |           |             |                  |
| Si         | 2.532928         | SAB                  | 2.409692                   | Sf 3.24342      |            | .0023842   | Z            | .0873223  | m           | .0800000         |
| n          | .1.800000        | gam                  | 51.05743                   | b-al 24.04181   | 7 the      | 114.04184  | phi          | 141.05745 | 2-LE        | VEL THRUST       |
| -          |                  | G                    | , , , , ,                  |                 |            |            |              |           |             |                  |
| 27         | 0.000000         | 1                    | 2000000                    | w2 .1800000     | ) w3       | .0900000   | SF           | .1747055  | LFr         | .9039564         |
| N          | 2.0000000        | wl                   | .2000000                   |                 |            | -          |              |           |             | 2418706          |
| PRA        | 1.0877716        | PRB                  | 1.0456659                  | PRC 1.170479    |            | .2020073   | min          | .1621642  | max         | •                |
| Si         | 2.849545         | SAB                  | 2.651625                   | Sf 3.24540      | 4 K        | .0398431   | Z            | .0398633  | m           | .0900000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 26.387580  | the        | 116.38760  | phi          | 141.05745 | 2-LE        | VEL THRUST       |
|            |                  | _                    |                            | •               |            |            |              |           |             |                  |
| D.T        | 2.0000000        | w.l                  | .2000000                   | w2 .1800000     | ) w3       | .0900000   | SF           | .1747055  | LFr         | .8549786         |
| N          |                  |                      |                            |                 | _          | .1663895   | min          | 1621642   | max         | 241.8706         |
| PRA        | 1.0847420        | PRB                  | 1.0311049                  | PRC 1.271012    |            |            |              |           |             |                  |
| Si         | <b>2.564</b> 602 | SAB                  | 2.476374                   | sf 3.24540      |            | .0042253   |              | .0754812  | m           | .0900000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 26.387580  | the the    | 116.38760  | phi          | 141.05745 | 2-LE        | VEL THRUST       |
|            | •                | <u></u>              | ,,,                        |                 |            | - ,        | _            | •         |             |                  |
| NT         | 2.0000000        | **1                  | .2000000                   | w2 .1800000     | ) w3       | .1000000   | SF           | .1814079  | LFr         | .9192267         |
| N          |                  | wl                   |                            |                 | -          |            |              | .1669386  |             | 2366450          |
| PRA        | 1.0963295        | PRB                  | 1.0236928                  | PRC 1.1734045   |            | .2050362   | min          |           | max         |                  |
| Si         | 2.849544         | SAB                  | 2.703894                   | Sf 3.247933     | 5 K        | .0380976   | Z            | .0316089  | m           | .1000000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 28.782049  | ) the      | 118.78207  | phi          | 141.05745 | 2-LEV       | VEL THRUST       |
|            |                  | O-                   | , ,                        |                 |            |            | ~            |           |             |                  |
| AT.        | 2 0000000        | <b>**</b> 1          | .2000000                   | w2 .1800000     | ) w3       | .1000000   | ·SF          | .1814079  | LFr         | .8730507         |
| N          | 2.0000000        | wl                   |                            |                 |            |            |              |           |             | 2366450          |
| PRA        | 1.0927092        | PRB                  | 1.0113488                  | PRC 1.264346    |            | .1726551   | min          | .1669386  | max         | _                |
| Si         | 2.590495         | SAB                  | 2.540037                   | Sf 3.247933     | 5 K        | .0057165   | Z            | •0639899  | m           | .1000000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 28.782049  | ) the      | 118.78207  | phi          | 141.05745 | 2-LEV       | VEL THRUST       |
|            | •                | Ü                    | ,                          |                 |            |            |              |           |             |                  |
| <b>N</b> T | 2 000000         | **1                  | 2000000                    | w2 .1800000     | w3         | .1100000   | SF           | .1894236  | LFr         | •9357958         |
| N          | 2.0000000        | MJ<br>MJ             | .2000000                   | -               |            |            |              |           |             | .2308692         |
| PRA        | 1.1046189        | PRB                  | 1.0039001                  | PRC 1.1750935   |            | .2079239   | min          | .1711627  | max         |                  |
| Si         | 2.849553         | SAB                  | 2.755975                   | Sf 3.251159     |            | .0367612   | $\mathbf{z}$ | 0229453   | m           | .1100000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 31.232814  | the        | 121.23283  | phi          | 141.05745 | 2-LEV       | EL THRUST        |
| •          | •                | _                    | , , , , ,                  |                 |            |            |              |           |             |                  |
| N.         | 2.0000000        | wl                   | .2000000                   | w2 .1800000     | w3         | .1100000   | SF           | .1894236  | LFr         | .8919563         |
|            |                  |                      |                            |                 |            | 1782417    | min          | .1711627  | max         | 2308692          |
| PRA        | 1.1005490        | PRB                  | •9933985                   | PRC 1.257898    |            |            | _            |           |             |                  |
| Si         | 2.612096         | SAB                  | 2 <b>.</b> 601 <b>7</b> 73 | Sf 3.251159     |            | .0070790   | Z            | .0526275  | m           | .1100000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 31.232814  | · the      | 121.23283  | phi          | 141.05745 | 2-LEV       | EL THRUST        |
|            | •                |                      |                            |                 |            | ·          |              |           |             |                  |
| N          | 2.0000000        | wl                   | .2000000                   | w2 .1800000     | · w3       | .1200000   | SF           | .1989307  | IFr         | .9537706         |
| -          |                  |                      | 01                         |                 | _          | .2106686   | min          | .1747938  | max         | 2245002          |
| PRA        | 1.1127249        | PRB                  | .9863504                   | PRC 1.1752893   |            |            |              | 0170717   |             |                  |
| Si         | 2.849559         | SAB                  | 2.808101                   | Sf 3.255283     | K          | .0358748   | z            | .0138317  | m           | .1200000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 33.748912  | the        | 123.74893  | phi          | 141.05745 | 2-LEV       | EL THRUST        |
|            |                  |                      |                            |                 |            |            |              |           |             |                  |
| N          | 2.0000000        | wl                   | 2000000                    | w2 .1800000     | w3         | .1200000   | SF           | .1989307  | ${	t LFr}$  | .9119043         |
| PRA        | 1.1083798        | PRB                  | <b>.</b> 9 <b>7</b> 74258  | PRC 1.250946    |            | .1832676   | min          | 1747938   | max         | .2245002         |
|            |                  |                      | • 7117470                  |                 |            |            |              |           |             |                  |
| Si         | 2.630351         | SAB                  | 2.662358                   | Sf 3.255283     |            | .0084738   | Z            | .0412326  | m           | .1200000         |
| n          | .1800000         | gam                  | 51.05743                   | b-al 33.748912  | the        | 123.74893  | phi          | 141.05745 | 2-LEV       | EIL THRUST       |
|            |                  |                      |                            |                 |            |            |              |           |             |                  |
| N          | 2.0000000        | W.L                  | .2000000                   | w2 .1800000     | w3         | .1300000   | SF           | .2101355  | t LFr       | <b>.9732</b> 819 |
| PRA        | 1.1207429        | PRB                  | .9711900                   | PRC 1.1736632   |            | .2132683   | min          | .1777795  | max         | .2174860         |
| Si         | 2.849551         | SAB                  | 2.860541                   | Sf 3.260588     |            | .0354888   | Z            | .0042177  | m           | 1300000          |
|            |                  |                      |                            |                 |            |            |              |           |             |                  |
| n          | .1800000         | gem                  | 51.05743                   | b-al 36.341171  | the        | 126.34119  | phi          | 141.05745 | ۷ نادا–ے    | EL THRUST        |
|            |                  |                      |                            | _               |            |            |              | •         | •           |                  |
| N          | 2.0000000        | $\mathbf{w}_{\perp}$ | .2000000                   | w2 .1800000     | <b>w</b> 3 | .1300000   | SF           | -2101355  | LFr         | .9331141         |
| PRA        | 1.1163198        | PRB                  | •9636559                   | PRC 1.2428168   | L          | .1878262   | min          | 1777795   | max         | .2174860         |
| Si         | 2.646014         | SAB                  | 2.722493                   | Sf 3.260588     | K          | 0100467    | z            | .0296598  | m           | .1300000         |
|            |                  |                      |                            | b-al 36.341171  |            | 126.34119  |              | 141.05745 |             | EL THRUST        |
| n          | .1800000 ,       | gam                  | 51.05743                   | 0=81 70 7411.(T | the        | TCO. 24TTA | phi          | T+T•0)(+) | ۷۰ حاسات ۷۰ | TIT/OOT          |
|            |                  |                      |                            |                 |            |            |              |           |             | (m=1==10         |
| N          | 2.0000000        | wl                   | .2200000                   | w2 .0400000     | w3         | .0200000   | SF           | •0065537  | ${	t LFr}$  | 17363768         |
| PRA        | 1.0200000        | PRB                  | •9999761.                  | PRC 1.435787    | L          | .1322804   | min          | .0249568  | max         | <b>.</b> 2449610 |
| Si         | 2.849551         | SAB                  | 2.457421                   | Sf 3.141600     | K          | .1073236   | Z            | .1126806  | m           | .0200000         |
|            |                  |                      | 16.260141                  | b-el 11.536790  |            | 101.53681  |              | 106.26016 |             | ,                |
| n -        | •0400000         | gam                  | 10.20014T                  | n=sr TT.3301A0  | * the      | TOT-2200T  | phi          | TOO CONTO |             |                  |
|            |                  |                      |                            |                 |            |            |              |           |             |                  |

| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849551<br>.0500000 | wl .2200000<br>PRB 1.0158675<br>SAB 2.450158<br>gam 18.662907     | w2 .0500000<br>PRC 1.386979<br>Sf 3.141601<br>b-al 11.536790   | w3<br>L<br>K<br>the         | .0200000<br>.1340962<br>.1059918<br>101.53681 | SF<br>min<br>z<br>phi | .0089646<br>.0281043<br>.1108648<br>108.66293 | IFr<br>mex<br>m            | •7444973<br>•2449610<br>•0200000                 |
|----------------------|--|---|--|-----------------------------|---|-----------------------|---|----------------------------|--|
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>2.849551<br>.0500000 | wl .2200000<br>PRB .9942942<br>SAB 2.502670<br>gam 18.662907      | w2 .0500000<br>PRC 1.378259<br>Sf 3.141599<br>b-al 13.886410   | w3<br>L<br>K<br>the         | .0300000<br>.1380921<br>.1022481<br>103.88643 | SF<br>min<br>z<br>phi | .0102367<br>.0358439<br>.1046086<br>108.66293 | LFr<br>max<br>m            | .7531872<br>.2427006<br>.0300000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0395757<br>2.137164<br>.0500000 | wl .2200000<br>PRB .9910852<br>SAB 2.145569<br>gam 18.662907      | w2 .0500000<br>PRC 1.477397 .<br>Sf 3.141599<br>b-al 13.886410 | w3<br>L<br>K<br>the         | .0300000<br>.0490437<br>.0131997<br>103.88643 | SF<br>min<br>z<br>phi | .0102367<br>.0358439<br>.1936569<br>108.66293 | LFr<br>max<br>m<br>2-LE    | .7169056<br>.2427006<br>.0300000<br>VEL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849551<br>.0600000 | wl .2200000<br>PRB 1.0329887<br>SAB 2.441666<br>gam 21.099817     | w2 .0600000<br>PRC 1.340159<br>Sf 3.141608<br>b-al 11.536790   | w3.<br>L<br>K<br>the        | .0200000<br>.1362190<br>.1045020<br>101.53681 | SF<br>min<br>z<br>phi | .0120974<br>.0317170<br>.1087419<br>111.09984 | LFr<br>max<br>m            | .7528467<br>.2449610<br>.0200000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>2.849551<br>.0600000 | wl .2200000<br>PRB 1.0091027<br>SAB 2.494178<br>gam 21.099817     | w2 .0600000<br>PRC 1.334668<br>Sf 3.141606<br>b-al 13.886410   | w3<br>L<br>K<br>the         | .0300000<br>.1402149<br>.1007583<br>103.88643 | SF<br>min<br>z<br>phi | .0133696<br>.0394567<br>.1024857<br>111.09984 | IFr<br>max<br>m            | .7614536<br>.2427006<br>.0300000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0394482<br>2.137164<br>.0600000 | wl .2200000<br>PRB 1.0061594<br>SAB 2.136805<br>gam 21.099817     | w2 .0600000<br>PRC 1.461235<br>Sf 3.141606<br>b-al 13.886410   | w3<br>L<br>K<br>the         | .0300000<br>.0511665<br>.0117099<br>103.88643 | SF<br>min<br>z<br>phi | .0133696<br>.0394567<br>.1915341<br>111.09984 | LFr<br>max<br>m<br>2-LE    | .7206373<br>.2427006<br>.0300000<br>VEL THRUST   |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.040000<br>2.849548<br>.0600000  | wl .2200000<br>PRB .9891298<br>SAB 2.547350<br>gam 21.099817      | w2 .0600000<br>PRC 1.325280<br>Sf 3.141605<br>b-al 16.260141   | w3<br>L<br>K<br>the         | .0400000<br>.1440449<br>.0972848<br>106.26016 | SF<br>min<br>z<br>phi | .0151053<br>.0467601<br>.0959592<br>111.09984 | LFr<br>max<br>m            | .7707396<br>.2400041<br>.0400000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0498365<br>2.279647<br>.0600000 | wl .2200000<br>PRB .9864014<br>SAB 2.262027<br>gam 21.099817      | w2 .0600000<br>PRC 1.407992<br>Sf 3.141605<br>b-al 16.260141   | w3<br>L<br>K<br>the         | 0400000<br>.0728073<br>.0260472<br>106.26016  | SF<br>min<br>z<br>phi | .0151053<br>.0467601<br>.1671968<br>111.09984 | LFr<br>max<br>· m<br>2-LEV | .7344589 ·<br>.2400041<br>.0400000<br>/EL THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849557<br>.0700000 | wl .2200000<br>PRB 1.0508267<br>SAB 2.431823<br>gam 23.577850     | w2 .0700000<br>PRC 1.296037<br>Sf 3.141606<br>b-al 11.536790   | w3<br>L<br>∙K<br>the        | .0200000<br>.1386814<br>.1028536<br>101.53681 | SF<br>min<br>z<br>phi | .0160761<br>.0358278<br>.1062796<br>113.57787 | LFr<br>max<br>m            | .7614737<br>.2449610<br>.0200000                 |
| N<br>PRA<br>Si<br>n. | 2.0000000<br>1.0300000<br>2.849557<br>.0700000 | wl .2200000<br>PRB 1.0253849<br>SAB 2.484335<br>gam 23.577850     | w2 .0700000<br>PRC 1.292331<br>Sf 3.141604<br>b-al 13.886410   | w3<br>L<br>K<br><b>t</b> he | .0300000<br>.1426773<br>.0991099<br>103.88643 | SF<br>min<br>z<br>phi | .0173483<br>.0435674<br>.1000233<br>113.57787 | LFr ·<br>max<br>m          | .7700148<br>.2427006<br>.0300000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0392784<br>2.137155<br>.0700000 | wl .2200000<br>PRB 1.0222284<br>SAB 2.126591<br>gam 23.577850     | w2 .0700000<br>PRC 1.445172<br>Sf 3.141604<br>b-al 13.886410   | w3<br>L<br>K<br>the         | .0300000<br>.0536270<br>.0100596<br>103.88643 | SF<br>min<br>z<br>phi | .0173483<br>.0435674<br>.1890736<br>113.57787 | LFr<br>max<br>m<br>2-LEV   | .7246618<br>.2427006<br>.0300000<br>EL THRUST    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0400000<br>2.849554<br>.0700000 | wl .2200000 .<br>PRB 1.0028890 .<br>SAB 2.537507<br>gam 23.577850 | w2 .0700000<br>PRC 1.286334<br>Sf 3.141603<br>b-al 16.260141   | w3<br>L<br>K<br>the         | .0400000<br>.1465073<br>.0956364<br>106.26016 | SF<br>min<br>z<br>phi | .0190840<br>.0508709<br>.0934968<br>113.57787 | LFr<br>max<br>m            | .7792502<br>.2400041<br>.0400000                 |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0497699<br>2.279638<br>.0700000 | wl .2200000<br>PRB 1.0003819<br>SAB 2.252024<br>gam 23.577850     | w2 .0700000<br>PRC 1.394481<br>Sf 3.141603<br>b-al 16.260141   | w3<br>L<br>K<br>the         | .0400000<br>.0752678<br>.0243969<br>106.26016 | SF<br>min<br>z<br>phi | .0190840<br>.0508709<br>.1647363              | LFr<br>max<br>m<br>2-LEV   | •7393398<br>•2400041<br>•0400000<br>EL THRUST    |

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| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849551<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | •2200000<br>•9844066<br>2•591328<br>23•577850   | w2 .0700000<br>PRC 1.276497<br>Sf 3.141604<br>b-al 18.662906   | w3<br>L<br>K<br>the   | .0500000<br>.1501751<br>.0924518<br>1.08.66293  | SF<br>min<br>z<br>phi | .021.5254<br>.0577233<br>.0866814<br>113.57787         | IFr<br>nex<br>m          | •7893486<br>•2368565<br>•0500000               |
|---------------------|--|--------------------------|---|--|-----------------------|---|-----------------------|--|--------------------------|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0597851<br>2.374621<br>.0700000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9815284<br>2.353352<br>23.577850   | w2 .0700000<br>PRC 1.360071<br>Sf 3.141604<br>b-al 18.662906   | w3<br>L<br>K<br>the   | .0500000°<br>.0908089<br>.0330856<br>108.66293  | SF<br>min<br>z<br>phi | .0215254<br>.0577233<br>.1460476<br>113.57787          | IFr<br>max<br>m<br>2-LE  | •7530661<br>•2368565<br>•0500000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849551<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>1.0691771<br>2.420517<br>26.103604  | w2 .0800000<br>PRC 1.254750<br>Sf 3.141605<br>b-al 11.536790   | w3<br>L<br>K<br>the   | .0200000<br>.1415062<br>.1010479<br>101.53681   | SF<br>min<br>z<br>phi | .0210314<br>.0404583<br>.1034548<br>116.10363          | IFr<br>max<br>m          | •7704258<br>•2449610<br>•0200000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849551<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>1.0425314<br>2.475030<br>26.103604  | w2 .0800000<br>PRC 1.252137<br>Sf 3.141603<br>b-al 13.886410   | w3<br>L<br>K<br>the   | .0300000<br>.1455021<br>.0973042<br>103.88643   | SF<br>min<br>z<br>phi | .0223036<br>.0481979<br>.0971985<br>116.10363          | LFr<br>max<br>m          | .7789202<br>.2427006<br>.0300000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0390539<br>2.137164<br>.0800000 | •wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0385666<br>2.114814<br>26.103604  | w2 .0800000<br>PRC 1.430358<br>Sf 3.141603<br>b-al 13.886410   | w3<br>L<br>K<br>the   | .0300000<br>.0564537<br>.0082558<br>103.88643   | SF<br>min<br>z<br>phi | .0223036<br>.0481979<br>.1862469<br>116.10363          | LFr<br>max<br>m<br>2-LE  | .7290335<br>.2427006<br>.0300000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849547<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>1.0183416<br>2.526202<br>26.103604  | w2 .0800000<br>PRC 1.2480474<br>Sf 3.141602<br>b-al 16.260141  | · w3<br>L<br>K<br>the | .0400000<br>.1493321<br>.0938307<br>106.26016   | SF<br>min<br>z<br>phi | .0240393<br>.0555014<br>.0906720<br>11 <b>6</b> .10363 | IFr<br>max<br>m          | .7881222<br>.2400041<br>.0400000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0496777<br>2.279647<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>·1.0156738<br>2.240517<br>26.103604 | . w2 .0800000<br>PRC 1.380539<br>Sf 3.141602<br>b-al 16.260141 | w3<br>L<br>K<br>the   | .0400000<br>.0780945<br>.0225931<br>106.26016   | SF<br>min<br>z<br>phi | .0240393<br>.0555014<br>.1619096<br>116.10363          | LFr<br>max<br>m<br>2-LEV | .7445850<br>.2400041<br>.0400000<br>/EL THRUST |
| N<br>PRA<br>Şi<br>n | 2.0000000<br>1.0500000<br>2.849544<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9971515<br>2.580023<br>26.103604   | w2 .0800000<br>PRC 1.2416965<br>Sf 3.141603<br>b-al 18.662906  | w3<br>L<br>K<br>the   | .0500000 ·<br>.1529999<br>.0906461<br>108.66293 | SF<br>min<br>z<br>phi | .0264797<br>.0623538<br>.0838566<br>116.10363          | LFr<br>max<br>m          | .7982025<br>.2368565<br>.0500000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0597066<br>2.374630<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9941683<br>2.341869<br>26.103604   | w2 .0800000<br>PRC 1.349363<br>Sf 3.141603<br>b-al 18.662906   | w3<br>L<br>K<br>the   | .0500000<br>.0936356<br>.0312818<br>108.66293   | SF<br>min<br>z<br>phi | .0264797<br>.0623538<br>.1432209<br>116.10363          | LFr<br>max<br>m<br>2-LEV | .7588987<br>.2368565<br>.0500000<br>EL THRUST  |
| N<br>PRA<br>Si ·    | 2.0000000<br>1.0500000<br>3.419470<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9820077<br>2.919440<br>26.103604   | w2 .0800000<br>PRC 1.2315814<br>Sf 3.141610<br>b-al 21.099817  | w3<br>L<br>K<br>the   | .0600000<br>.2277508<br>.1590097<br>111.09984   | SF<br>min<br>z<br>phi | .0295973<br>.0687411<br>.0054930<br>116.10363          | LFr<br>max<br>m          | .8598662<br>.2332438<br>.0600000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>2.849554<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | •2200000<br>•9800616<br>2•634483<br>26•103604   | w2 .0800000<br>PRC 1.2315814<br>Sf 3.141610<br>b-al 21.099817  | w3<br>L<br>K<br>the   | .0600000<br>.1565113<br>.0877702<br>111.09984   | SF<br>min<br>z<br>phi | .0295973<br>.0687411<br>.0767325<br>116.10363          | IFr<br>max<br>m          | .8090716<br>.2332438<br>.0600000               |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0695728<br>2.442465<br>.0800000 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9768584<br>2.429894<br>26.103604   | w2 .0800000<br>PRC 1:323529<br>Sf 3.141610<br>b-al 21.099817   | w3<br>L<br>K<br>the   | .0600000<br>.1056252<br>.0368841<br>111.09984   | SF<br>min<br>z<br>phi | .0295973<br>.0687411<br>.1276186<br>116.10363          | LFr<br>max<br>m<br>2-LEV | •7727890<br>•2332438<br>•0600000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.000000<br>1.0200000<br>2.849549<br>.0900000  | wl<br>PRB<br>SAB<br>gem  | .2200000<br>1.0879621<br>2.407622<br>28.685167  | w2 .0900000<br>PRC 1.2162388<br>Sf 3.141604<br>b-al 11.536790  | w3<br>L<br>K<br>the   | .0200000<br>.1447296<br>.0990882<br>101.53681   | SF<br>min<br>z<br>phi | .0271082<br>.0456414<br>.1002314<br>118.68519          | IFr<br>max<br>m          | •7797623<br>•2449610<br>•0200000               |

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|----------------------|--|---|---|-----------------------------|---|-----------------------|---|---------------------------|---|
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>2.849564               | wl .2200000<br>PRB 1.0602897<br>SAB 2.460142<br>gam 28.685167 | w2 .0900000<br>PRC 1.2143442<br>Sf 3.141602<br>b-al 13.886410 | w3<br>L<br>K<br>• the       | .0300000<br>.1487274<br>.0953464<br>103.88643   | SF<br>min<br>z<br>phi | .0283804<br>.0533810<br>.0939732<br>118.68519 | LFr<br>max<br>m           | .7882319<br>.2427006<br>.0300000              |
| N<br>PRA<br>Si       | 2.0000000<br>1.0387584<br>2.137162               | wl .2200000<br>PRB 1.0548523<br>SAB 2.101287<br>gam 28.685167 | w2 .0900000<br>PRC 1.417341<br>Sf 3.141602<br>b-al 13.886410  | w3<br>L<br>K                | .0300000<br>.0596771<br>.0062961<br>103.88643   | SF<br>min<br>z<br>phi | .0283804<br>.0533810<br>.1830235<br>118.68519 | LFr<br>max<br>m<br>2-LEV  | .7338076<br>.2427006<br>.0300000<br>EL THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.040000<br>2.849545<br>.0900000    | wl .2200000<br>PRB 1.0347963<br>SAB 2.513306<br>gam 28.685167 | w2 .0900000<br>PRC 1.2114411<br>Sf 3.141601<br>b-al 16.260141 | w3 *<br>L<br>K<br>the       | .0400000<br>.1525555<br>.0918710<br>106.26016   | SF<br>min<br>z<br>phi | .0301161<br>.0606845<br>.0874486<br>118.68519 | LFr<br>max<br>m           | .7974196<br>.2400041<br>.0400000              |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0495525<br>2.279645<br>.0900000   | wl .2200000<br>PRB 1.0314726<br>SAB 2.227336<br>gam 28.685167 | w2 .0900000<br>PRC 1.367438<br>Sf 3.141601<br>b-al 16.260141  | w3<br>L<br>K<br>the         | .0400000<br>.0813179<br>.0206334<br>106.26016   | SF<br>min<br>z<br>phi | .0301161<br>.0606845<br>.1586862<br>118.68519 | LFr<br>max<br>m<br>2-LEV  | .7502537<br>.2400041<br>.0400000              |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0500000<br>2.849558<br>.0900000   | wl .2200000<br>PRB 1.0117940<br>SAB 2.567135<br>gam 28.685167 | w2 .0900000<br>PRC 1.2095127<br>Sf 3.141602<br>b-al 18.662906 | w3<br>L<br>K<br>the         | .0500000<br>.1562252<br>.0886883<br>108.66293   | SF<br>min<br>z<br>phi | .0325575<br>.0675369<br>.0806313<br>118.68519 | LFr<br>max<br>m<br>2-LEVE | .8075028<br>.2368565<br>.0500000<br>IL THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0596017<br>2.374628<br>.0900000   | wl .2200000<br>PRB 1.0083611<br>SAB 2.328724<br>gam 28.685167 | w2 .0900000<br>PRC 1.337880<br>Sf 3.141602<br>b-al 18.662906  | w3<br>L<br>K<br>the         | .0500000<br>.0968590<br>.0293221<br>108.66293   | SF<br>min<br>z<br>phi | .0325575<br>.0675369<br>.1399975<br>118.68519 | LFr<br>max<br>m<br>2=LEVE | .7651739<br>.2368565<br>.0500000              |
| N<br>PRA<br>Si ·     | 2.0000000<br>1.0500000<br>3.419468<br>.0900000   | wl .2200000<br>PRB .9926286<br>SAB 2.906545<br>gam 28.685167  | w2 .0900000<br>PRC 1.2004987<br>Sf 3.141609<br>b-al 21.099817 | w3<br>L<br>K<br><b>t</b> he | .0600000<br>.2309742<br>.1570500<br>111.09984   | SF<br>min<br>z<br>phi | .0356741<br>.0739242<br>.0022696<br>118.68519 | LFr<br>max·<br>m          | .8728104<br>.2332438<br>.0600000              |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0600000<br>2.849552<br>.0900000   | wl .2200000<br>PRB .9918274<br>SAB 2.621587<br>gam 28.685167  | w2 .0900000<br>PRC 1.2082359<br>Sf 3.141609<br>b-al 21.099817 | w3<br>L<br>K<br>the         | .0600000<br>.1597347<br>.0858105<br>111.09984   | SF<br>min<br>z<br>phi | .0356741<br>.0739242<br>.0735091<br>118.68519 | LFr<br>max<br>m<br>2-LEVE | .8183880<br>.2332438<br>.0600000              |
| N<br>PRA<br>.Si<br>n | 2.0000000<br>1.0694509<br>··2.442478<br>.0900000 | wl .2200000<br>PRB .9881433<br>SAB 2.416709<br>gam 28.685167  | w2 .0900000<br>PRC 1.315551<br>Sf 3.141609<br>b-al 21.099817  | w3<br>L<br>K<br>the         | .0600000<br>.1088505<br>.0349263                | SF<br>min<br>z<br>phi | .0356741<br>.0739242<br>.1243933<br>118.68519 | max<br>m                  | •7795153<br>•2332438<br>•0600000<br>L THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0600000<br>3.324485<br>.0900000   | wl .2200000<br>PRB .9779916<br>SAB 2.914146<br>gam 28.685167  | w2 .0900000<br>PRC 1.1902483<br>Sf 3.141607<br>b-al 23.577850 | w3<br>L<br>K<br>the         | .0700000<br>.2224522<br>.1426388<br>113.57787   | SF<br>min<br>z<br>phi | .0396528<br>.0798134<br>.0066808<br>118.68519 | max                       | .8785706<br>.2291330<br>.0700000              |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0700000<br>2.849556<br>.0900000   | wl .2200000<br>PRB .9760351<br>SAB 2.676681<br>gam 28.685167  | w2 .0900000<br>PRC 1.2025130<br>Sf 3.141607<br>b-al 23.577850 | w3<br>L<br>K<br>the         | .0700000 .<br>.1630860<br>.0832725<br>113.57787 | SF<br>min<br>z<br>phi | .0396528<br>.0798134<br>.0660471<br>118.68519 | max<br>m                  | .8301945<br>.2291330<br>.0700000<br>L THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0791475<br>2.493354<br>.0900000   | wl .2200000<br>PRB :9724355<br>SAB 2.496454<br>gam 28.685167  | w2 .0900000<br>PRC 1.294099<br>Sf 3.141607<br>b-al 23.577850  | w3<br>L<br>K<br>the         | .0700000<br>.1185608<br>.0387474<br>113.57787   | SF<br>min<br>z<br>phi | .0396528<br>.0798134<br>.1105722<br>118.68519 | max .                     | .7939119<br>.2291330<br>.0700000<br>L THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0790960<br>2.216316<br>.0900000°  | wl .2200000<br>PRB .9660581<br>SAB 2.335894<br>gam 28.685167  | w2 .0900000 PRC 1.392181 Sf 3.141607                          | w3<br>L<br>K<br>the         | .0700000<br>.0839310<br>.0041176                | SF<br>min<br>z<br>phi | .0396528<br>.0798134<br>.1452020              | m .                       | .7656937<br>.2291330<br>.0700000              |

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| N                   | 2.0000000 °                                    | • wl                      | .2200000                                       | w2                      | .1000000   | w3                  | .0200000                                      | SF                    | •03 <sup>14</sup> 1677                        | LFr                       | •7895489                                       |
|---------------------|--|---------------------------|--|-------------------------|--|---------------------|---|-----------------------|---|---------------------------|--|
| PRA                 | 1.0200000                                      | PRB                       | 1.1071663                                      | PRC                     | 1.1857690  | L                   | .1483936                                      | min                   | •0514176                                      | max                       | •2449610                                       |
| Si                  | 2.849559                                       | SAB                       | 2.392976                                       | Sf                      | 3.141603   | K                   | .0969760                                      | z                     | •0965673                                      | m                         | •0200000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-a                     | 1 11.536790                                      | the                 | 101.53681                                     | phi                   | 121•33209                                     | 2-LEV                     | ÆL THRUST                                      |
| N<br>PRA<br>Si      | 2.0000000<br>1.0300000<br>2.849559<br>.1000000 | wl<br>PRB<br>SAB<br>gam   | .2200000<br>1.0785563<br>2.445488<br>31.332067 | w2<br>PRC<br>Sf<br>b-a  | .1000000<br>1.1910849<br>3.141601<br>1 13.886410 | w3<br>L<br>K<br>the | .0300000<br>.1523895<br>.0932323<br>103.88643 | SF<br>min<br>z<br>phi | .0357409<br>.0591573<br>.0903111<br>121.33209 | LFr<br>max<br>m<br>2-LEV  | .7980147<br>.2427006<br>.0300000<br>/EL THRUST |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0300000                                      | SF                    | .0357409                                      | LFr                       | .7390556                                       |
| PRA                 | 1.0383709                                      | PRB                       | 1.0709301                                      | PRC                     | 1.406424   | L                   | .0633392                                      | min                   | .0591573                                      | max                       | .2427006                                       |
| Si                  | 2.137157                                       | SAB                       | 2.085805                                       | Sf                      | 3.141601   | K                   | .0041820                                      | z                     | .1793614                                      | m .                       | .0300000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-a                     | 13.886410  | the                 | 103.88643                                     | phi                   | 121.33209                                     | 2-LEV                     | TI. THRUST                                     |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0400000                                      | SF                    | .0374756                                      | IFr                       | .8072128                                       |
| PRA                 | 1.0400000                                      | PRB                       | 1.0519484                                      | PRC                     | 1.1952239  | L                   | .1562195                                      | min                   | .0664608                                      | max                       | .2400041                                       |
| Si                  | 2.849556                                       | SAB                       | 2.498660                                       | Sf                      | 3.141600   | K                   | .0897588                                      | z                     | .0837846                                      | m                         | .0400000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-a                     | 1 16.260141                                      | the                 | 106.26016                                     | phi                   | 121.33209                                     | 2-LEV                     | TI THRUST                                      |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0400000                                      | SF                    | .0374756                                      | LFr                       | .7564182                                       |
| PRA                 | 1.0493837                                      | PRB                       | 1.0474265                                      | PRC                     | 1.355764   | L                   | .0849800                                      | min                   | .0664608                                      | max                       | .2400041                                       |
| Si                  | 2.279640                                       | SAB                       | 2.212297                                       | Sf                      | 3.141600   | K                   | .0185193                                      | z                     | .1550241                                      | m                         | .0400000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-al                    | 1.16.260141                                      | the                 | 106.26016                                     | phi                   | 121.33209                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0500000                                      | SF                    | .0399170                                      | LFr                       | .8173199                                       |
| PRA                 | 1.0500000                                      | PRB                       | 1.0275296                                      | PRC                     | 1.1978272  | L                   | .1598873                                      | min                   | .0733131                                      | max                       | .2368565                                       |
| Si                  | 2.849553                                       | SAB                       | 2.552481                                       | Sf                      | 3.141601   | K                   | .0865742                                      | z                     | .0769692                                      | m                         | .0500000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-a                     | 18.662906  | the                 | 108.66293                                     | phi                   | 121.33209                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0500000                                      | SF                    | .0399170                                      | LFr                       | .7719679                                       |
| PRA                 | 1.0594625                                      | PRB                       | 1.0232388                                      | PRC                     | 1.326966   | L                   | .1005211                                      | min                   | .0733131                                      | max                       | .2368565                                       |
| Si                  | 2.374623                                       | SAB                       | 2.313739                                       | Sf                      | 3.141601   | K                   | .027,2080                                     | z                     | .1363354                                      | m                         | .0500000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-al                    | 18.662906  | the                 | 108.66293                                     | phi                   | 121.33209                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0600000                                      | SF                    | .0430346                                      | LFr                       | .8282452                                       |
| PRA                 | 1.0600000                                      | PRB                       | 1.0056149                                      | PRC                     | 1.1983684  | L                   | .1633968                                      | min                   | .0797005                                      | max                       | .2332438                                       |
| Si                  | 2.849547                                       | SAB                       | 2.606934                                       | Sf                      | 3.141608   | K                   | .0836964                                      | z                     | .0698470                                      | m                         | .0600000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-al                    | 21.099817  | the                 | 111.09984                                     | phi                   | 121.33209                                     | 2-LEV                     | EI. THRUST                                     |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0600000                                      | SF                    | .0430346                                      | LFr                       | .7867804                                       |
| PRA                 | 1.0692951                                      | PRB                       | 1.0011865                                      | PRC                     | 1.306541   | L                   | .1125126                                      | min                   | .0797005                                      | max                       | .2332438                                       |
| Si                  | 2.442473                                       | SAB                       | 2.401674                                       | Sf                      | 3.141608   | K                   | .0328121                                      | z                     | .1207312                                      | m                         | .0600000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-al                    | 21.099817  | the                 | 111.09984                                     | phi                   | 121.33209                                     | 2-LEV                     | EL THRUST                                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>3.324480<br>.1000000 | wl<br>• PRB<br>SAB<br>gam | .2200000<br>.9879453<br>2.899492<br>31.332067  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>1.1625066<br>3.141606<br>23.577850   | w3<br>L<br>K<br>the | .0700000<br>.2261143<br>.1405246<br>113.57787 | SF<br>min<br>z<br>phi | .0470123<br>.0855897<br>.0030187<br>121.33209 | LFr<br>max<br>m           | .8915081<br>.2291330<br>.0700000               |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0700000                                      | SF                    | .0470123                                      | LFr                       | .8401089                                       |
| PRA                 | 1.0700000                                      | PRB                       | .9867712                                       | PRC                     | 1.1959768  | L                   | .1667481                                      | min                   | .0855897                                      | max                       | .2291330                                       |
| Si                  | 2.849550                                       | SAB                       | 2.662027                                       | Sf                      | 3.141606   | K                   | .0811584                                      | z                     | .0623850                                      | m                         | .0700000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-al                    | 23.577850  | the                 | 113.57787                                     | phi                   | 121.33209                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                        | .2200000                                       | w2                      | .1000000   | w3                  | .0700000                                      | SF                    | .0470123                                      | IFr                       | .8015604                                       |
| PRA                 | 1.0789551                                      | PRB                       | .9824151                                       | PRC                     | 1.288761   | L                   | .1222248                                      | min                   | .0855897                                      | max                       | .229I330                                       |
| Si                  | 2.493364                                       | SAB                       | 2.481329                                       | Sf                      | 3.141606   | K                   | .0366352                                      | z                     | .1069082                                      | m                         | .0700000                                       |
| n                   | .1000000                                       | gam                       | 31.332067                                      | b-al                    | 23.577850  | the                 | 113.57787                                     | phi                   | 121.33209                                     | 2-LEVI                    | EL THRUST                                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0777752<br>2.216310<br>.1000000 | wl<br>PRB<br>SAB<br>gam   | .2200000<br>.9741747<br>2.318312<br>31.332067  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>1.391051<br>3.141606<br>23.577850    | w3<br>L<br>K<br>the | .0700000<br>.0875931<br>.0020034<br>113.57787 | SF<br>min<br>z<br>phi | .0470123<br>.0855897<br>.1415399<br>121.33209 | IFr<br>max<br>m<br>2-LEVE | •7715759<br>•2291330<br>•0700000               |
|                     |  |                           | ə  |                         |  | 6                   |   |                       |   |                           |  |

| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0700000<br>3.256637<br>.1000000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9742305<br>2.921286<br>31.332067  | w2 .1000000<br>PRC 1.1522370<br>Sf 3.141605<br>b-al 26.103603 | w3<br>L<br>K<br>the | .0800000<br>.2208290<br>.1298699<br>116.10363 | SF<br>min<br>z<br>phi  | .0519743<br>.0909592<br>.0036735<br>121.33209 | LFr .8996124<br>max .2245025<br>om .0800000         | 5 |
|---------------------|--|-------------------------|--|---|---------------------|---|------------------------|---|---|---|
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1000000   | w3                  | .0800000                                      | SF                     | .0519743                                      | LFr .8529635  | ) |
| PRA                 | 1.0800015                                      | PRB                     | .9721641                                       | PRC 1.1890586   | L                   | .1699429                                      | min                    | .0909592                                      | max .2245025  |   |
| Si                  | 2.849548                                       | SAB                     | 2.717745                                       | Sf 3.141605   | K                   | .0789837                                      | z                      | .0545596                                      | m .0800000  |   |
| n                   | .1000000                                       | gam                     | 31.332067                                      | b-al 26.103603  | the                 | 116.10363                                     | phi                    | 121.33209                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1000000   | w3                  | .0800000                                      | SF                     | .0519743                                      | LFr .8166809  | ; |
| PRA                 | 1.0884498                                      | PRB                     | .9682594                                       | PRC 1.269648  | L                   | .1303654                                      | min                    | .0909592                                      | max .2245025  |   |
| Si                  | 2.532928                                       | SAB                     | 2.555504                                       | Sf 3.141605   | K                   | .0394062                                      | z                      | .0941371                                      | m .0800000  |   |
| n                   | .1000000                                       | gam                     | 31.332067                                      | b-al 26.103603  | the                 | 116.10363                                     | phi                    | 121.33209                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1000000   | w3                  | .0800000                                      | SF                     | .0519743                                      | LFr .7876558  |   |
| PRA                 | 1.0884624                                      | PRB                     | .9625025                                       | PRC 1.356336  | L                   | .0987034                                      | min                    | .0909592                                      | max .2245025  |   |
| Si                  | 2.279632                                       | SAB                     | 2.406481                                       | Sf 3.141605   | K                   | .0077443                                      | z                      | .1257991                                      | m .0800000  |   |
| n                   | .1000000                                       | gam                     | 31.332067                                      | b-al 26.103603  | the                 | 116.10363                                     | phi                    | 121.33209                                     | 2=LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0200000                                      | SF                     | .0432987                                      | LFr .7998705  |   |
| PRA                 | 1.0200000                                      | PRB                     | 1.1267538                                      | PRC 1.1732995   | L                   | .1525440                                      | min                    | .0578367                                      | max .2449610  |   |
| Si                  | 2.849550                                       | SAB                     | 2.376365                                       | Sf 3.141602   | K                   | .0947074                                      | z                      | .0924170                                      | m .0200000  |   |
| n                   | .1100000                                       | gam                     | 34.055671                                      | b-al 11.536790  | the                 | 101.53681                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0300000                                      | SF                     | .0445719                                      | LFr .8083572  |   |
| PRA                 | 1.030000                                       | PRB                     | 1.0972131                                      | PRC 1.1788384   | L.                  | .1565399                                      | min                    | .0655763                                      | .mex .2427006                                       |   |
| Si                  | 2.849550                                       | SAB                     | 2.428878                                       | Sf 3.141600   | K                   | .0909636                                      | z                      | .0861607                                      | .m .0300000   |   |
| n                   | .1100000                                       | gem                     | 34.055671                                      | b-al 13.886410  | the                 | 103.88643                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0300000                                      | SF                     | .0445719                                      | LFr .7448645  |   |
| PRA                 | 1.0378641                                      | PRB                     | 1.0867076                                      | PRC 1.397857  | L                   | .0674915                                      | min                    | .0655763                                      | max .2427006  |   |
| Si                  | 2.137163                                       | SAB                     | 2.068119                                       | Sf 3.141600   | K                   | .0019152                                      | z                      | .1752091                                      | m .0300000  |   |
| n                   | .1100000                                       | gam                     | 34.055671                                      | b-al 13.886410  | the                 | 103.88643                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849547<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0695602<br>2.482050<br>34.055671 | w2 .1100000<br>PRC 1.1834095<br>Sf 3.141599<br>b-al 16.260141 | w3<br>L<br>K<br>the | .0400000<br>.1603699<br>.0874901<br>106.26016 | SF<br>min<br>·z<br>phi | .0463066<br>.0728798<br>.0796342<br>124.05569 | IFr .8175888 max .2400041 m .0400000 2-LEVEL THRUST | • |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0400000                                      | SF                     | .0463066                                      | IFr .7631674  |   |
| PRA                 | 1.0491580                                      | PRB                     | 1.0633576                                      | . PRC 1.345865  | L                   | .0891323                                      | min                    | .0728798                                      | max .2400041  |   |
| Si                  | 2.279646                                       | SAB                     | 2.195180                                       | Sf 3.141599   | K                   | .0162525                                      | z                      | .1508718                                      | m .0400000  |   |
| n                   | .1100000                                       | gam                     | 34.055671                                      | b-a1 16.260141  | . the               | 106.26016                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0500000                                      | SF                     | .0487480                                      | IFr .8277445  |   |
| PRA                 | 1.0500000                                      | PRB                     | 1.0439153                                      | PRC 1.1867480   | L                   | .16403 <b>7</b> 7                             | min                    | .0797322                                      | max .2368565  |   |
| Si                  | 2.849544                                       | SAB                     | 2.535871                                       | Sf 3.141600   | K                   | .0843055                                      | z                      | .0728188                                      | m .0500000  |   |
| n                   | .1100000                                       | gem                     | 34.055671                                      | b-al 18.662906  | the                 | 108.66293                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0500000                                      | SF                     | .0487480                                      | LFr .7793703  |   |
| PRA                 | 1.0592790                                      | PRB                     | 1.0384135                                      | PRC 1.317274  | L                   | .1046734                                      | min                    | .0797322                                      | max .2368565  |   |
| Si                  | 2.374629                                       | SAB                     | 2.296701                                       | Sf 3.141600   | K                   | .0249412                                      | z                      | .1321831                                      | m .0500000  |   |
| n                   | .1100000                                       | gam                     | 34.055671                                      | b-al 18.662906  | the                 | 108.66293                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0600000                                      | SF                     | .0518656                                      | LFr .8387365  |   |
| PRA                 | 1.0600000                                      | PRB                     | 1.0204742                                      | PRC 1.1884874   | L                   | .1675491                                      | min                    | .0861195                                      | max .2332438  |   |
| Si                  | 2.849554                                       | SAB                     | 2.590331                                       | Sf 3.141607   | K                   | .0814296                                      | z                      | .0656947                                      | m .0600000  |   |
| n                   | .1100000                                       | gam                     | 34.055671                                      | b-al 21.099817  | the                 | 111.09984                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1100000   | w3                  | .0600000                                      | SF                     | .0518656                                      | IFr .7946787  |   |
| PRA                 | 1.0690963                                      | PRB                     | 1.0150574                                      | PRC 1.297925  | L                   | .1166630                                      | min                    | .0861195                                      | max .2332438  |   |
| Si                  | 2.442464                                       | SAB                     | 2.384578                                       | Sf *3.141607  | K                   | .0305435                                      | z                      | .1165808                                      | m .0600000  |   |
| n                   | .1100000                                       | gam                     | 34.055671                                      | b-al 21.099817  | the                 | 111.09984                                     | phi                    | 124.05569                                     | 2-LEVEL THRUST                                      |   |

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| , | N<br>PRA<br>Si      | 2.0000000<br>1.0700000<br>2.849557<br>.1100000  | vl<br>PRB<br>SAB<br>gam | • 2200000<br>• 9995589<br>2 • 645425<br>34 • 055671 | w2 .1100000<br>PRC 1.1880857<br>Sf 3.141605<br>b-al 23.577850 | w3<br>L<br>K<br>the | .0700000<br>.1709004<br>.0788916                            | SF<br>min<br>z<br>phi   | .0558434<br>.0920087<br>.0582327<br>124.05569 | TFr<br>max<br>m<br>2-LEV  | .8506823<br>.2291330<br>.0700000<br>/EL THRUST |
|---|---------------------|---|-------------------------|---|---|---------------------|---|-------------------------|---|---------------------------|--|
|   | n<br>N              | 2.0000000                                       | wl                      | .2200000  | w2 .1100000<br>PRC 1.282217                                   | w3<br>L             | .0700000<br>.1263752  | SF<br>min               | •0558434<br>•0920087                          | LFr<br>max                | .8098650<br>.2291330                           |
|   | PRA<br>Si<br>n      | 1.0787171<br>2.493355<br>.1100000               | PRB<br>SAB<br>gam       | .9943227<br>2.464125<br>34.055671                   | Sf 3.141605<br>b-al 23.577850                                 | K<br>the            | .0343665  | z<br>phi                | .1027578<br>124.05569                         | m                         | .0700000<br>/EL THRUST                         |
|   | N<br>PRA            | 2.0000000                                       | wl<br>PRB               | .2200000<br>.981 <b>7</b> 544                       | w2 .1100000<br>PRC 1.1846809                                  | w3<br>L             | .0800000  | SF<br>min               | .0608053<br>.0973782                          | LFr<br>max                | .8636389<br>.2245025                           |
|   | Si<br>n             | 2.849555<br>.1100000                            | SAB<br>gam              | 2.701140<br>34.055671                               | sf 3.141603<br>b-al 26.103603                                 | K<br>the            | .0767170<br>116.10363                                       | z<br>phi                | .0504073<br>124.05569                         | m<br>2-LEV                | .0800000<br>EL THRUST                          |
|   | N<br>PRA<br>Si      | 2.0000000<br>1.0881603<br>2.532935              | wl<br>PRB<br>SAB        | .2200000<br>.9769865<br>2.538168                    | w2 .1.100000<br>PRC 1.266900<br>Sf 3.141.603                  | w3<br>L<br>K        | .0800000<br>.1345177<br>.0371395                            | · SF<br>min<br>z        | .0608053<br>.0973782<br>.0899848              | LFr<br>max<br>m           | .8253412<br>.2245025<br>.0800000               |
|   | n                   | .1100000  | gam                     | 34.055671   | b-al 26.103603  | the                 | 116.10363   | phi                     | 124.05569                                     | 2-LEV                     | EL THRUST                                      |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0870996<br>2.279639<br>.1100000  | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9696117<br>2.386772<br>34.055671       | w2 .1100000<br>PRC 1.357509<br>Sf 3.141603<br>b-al 26.103603  | w3<br>L<br>K<br>the | .0800000<br>.1028557<br>.0054775<br>116.10363               | SF<br>min<br>z<br>phi   | .0608053<br>.0973782<br>.1216468<br>124.05569 | LFr<br>max.<br>m<br>2-LEV | .7947025<br>.2245025<br>.0800000<br>EL THRUST  |
|   | N<br>PRA<br>Si      | 2.0000000<br>1.0899455<br>2.849552<br>.1100000  | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9683142<br>2.757315<br>34.055671       | w2 .1100000<br>PRC 1.1766536<br>Sf 3.141603<br>b-al 28.685166 | w3<br>L<br>K<br>the | .0900000<br>.1771355<br>.0749402<br>118.68519               | · SF<br>min<br>z<br>phi | .0668583<br>.1021953<br>.0421841<br>124.05569 | LFr<br>max<br>m<br>2-LEV  | .8776388<br>.2193196<br>.0900000<br>EL THRUST  |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0974406<br>2.564594<br>.1100000  | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9643116<br>2.608427<br>34.055671       | w2 .1100000<br>PRC 1.2489792<br>Sf 3.141603<br>b-al 28.685166 | w3<br>L<br>K<br>the | .0900000<br>.1415157<br>.0393204<br>118,68519               | SF<br>min<br>z<br>phi   | .0668583<br>.1021953<br>.0778039<br>124.05569 | LFr<br>max<br>m<br>2-LEV  | .8413572<br>.2193196<br>.0900000<br>EL THRUST  |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0971232<br>2.331455<br>.1100000  | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9589920<br>2.468400<br>34.055671       | w2 .1100000<br>PRC 1.327153<br>Sf 3.141603<br>b-al 28.685166  | w3<br>L<br>K<br>the | .0900000<br>.112373 <sup>1</sup> 4<br>.0101781<br>118.68519 | SF<br>min<br>z<br>phi   | .0668583<br>.1021953<br>.1069462<br>124.05569 | IFr<br>max<br>m<br>2-LEV  | .8116732<br>.2193196<br>.0900000<br>EL THRUST  |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849553<br>.1200000  | wl<br>PRB<br>SAB<br>gem | .2200000<br>1.1466535<br>2.357561<br>36.869821      | w2 .1200000<br>PRC 1.1621337<br>Sf 3.141603<br>b-al 11.536790 | w3<br>L<br>K<br>the | .0200000<br>.1572456<br>.0922853<br>101.53681               | SF<br>min<br>z<br>phi   | .0538254<br>.0649603<br>.0877153<br>126.86984 | LFr<br>max<br>m<br>2-LEV  | .8108349<br>.2449610<br>.0200000<br>EL THRUST  |
| , | N<br>PRA<br>Si      | 2.0000000<br>1.0300000<br>2.849553              | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.1161614<br>2.410073<br>36.869821      | w2 .1200000<br>PRC 1.1678681<br>Sf 3.141601<br>b-al 13.886410 | w3<br>L<br>K<br>the | .0300000<br>.1612415<br>.0885416<br>103.88643               | SF<br>min<br>z          | .0550985<br>.0726999<br>.0814591<br>126.86984 | LFr<br>max<br>m           | .8193684<br>.2427006<br>.0300000<br>EL THRUST  |
|   | N<br>PRA<br>Si      | 2.0000000<br>1.0400000<br>2.849549<br>.1200000  | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0874900<br>2.463245<br>36.869821      | w2 .1200000<br>PRC 1.1727838<br>Sf 3.141600<br>b-al 16.260141 | w3<br>L<br>K<br>the | .0400000<br>.1650715<br>.0850681<br>106.26016               | SF<br>min<br>z<br>phi   | .0568333<br>.0800034<br>.0749326<br>126.86984 | LFr<br>max<br>m<br>2-LEVI | .8286638<br>.2400041<br>.0400000<br>EL THRUST  |
|   |                     | 2.0000000<br>1.0488586<br>2.279633<br>.1200000  | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0791744<br>2.175685<br>36.869821      | w2 .1200000<br>PRC 1.338022<br>Sf 3.141600<br>b-al 16.260141  | w3<br>L<br>K<br>the | .0400000<br>.0938320<br>.0138286<br>106.26016               | SF<br>min<br>z<br>phi   | .0568333<br>.0800034<br>.1461721<br>126.86984 | LFr<br>max<br>m<br>2-LEVE | .7706127<br>.2400041<br>.0400000<br>IL THRUST  |
|   | N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849546<br>.1.200000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0607172<br>2.517067<br>36.869821      | w2 .1200000<br>PRC 1.1766755<br>Sf 3.141601<br>b-al 18.662906 | w3<br>L<br>K<br>the | .0500000<br>.1.687393<br>.0818835<br>108.66293              | SF<br>min<br>z<br>phi   | .0592747<br>.0868558<br>.0681171<br>126.86984 | IFr<br>max<br>m<br>2-LEVE | .8388968<br>.2368565<br>.0500000<br>IL THRUST  |

|      |           |           |                      |           |                       |              | 700       |       | •         |                   |                      |
|------|-----------|-----------|----------------------|-----------|-----------------------|--------------|-----------|-------|-----------|-------------------|----------------------|
| N    | 2,0000000 | wl.       | .2200000             | w2        | .1200000              | w3           | .0500000  | SF    | .0592747  | LFr               | .7874994             |
| PRA  | 1.0590392 | PRB       | 1.0536927            | PRC       | 1.309217              | L            | .1093750  | , min | 0868558   | mex               | 2368565              |
| Si   | 2.374631  | SAB       | 2.277328             | Sf        | 3.141601              | ĸ            | .0225192  | Z     | .1274815  | 1                 | •0500000             |
|      |           |           |                      |           | 18.662906             | the          |           |       |           | m                 |                      |
| n ·  | .1200000  | gem       | 36,869821            | 0-81      | 10.002900             | OTHE         | 108.66293 | phi   | 126.86984 | 2-115             | VEL THRUST           |
| RT   | 0.000000  | 7         | 2000000              |           | 1200000               | •••          | 0600000   | CTR   | 0607000   | 7.75              | 01,00037             |
| N    | 2.0000000 | wl        | .2200000             | w2        | .1200000              | . <b>v</b> 3 | •0600000  | SF    | .0623922  | LFr               | .8499813             |
| PRA  | 1.0600000 | PRB       | 1.0359670            | PRC       | 1.1792749             | L            | .1722508  | min   | .0932431  | mex               | .2332438             |
| Si   | 2.849556  | SAB       | 2.571526             | Sf        | 3.141608              | K            | .0790076  | Z     | .0609931  | m                 | •0600000             |
| n    | •1200000  | gam       | 36,869821            | b-al      | 21.099817             | the          | 111.09984 | phi   | 126.86984 | 2-LE              | VEL THRUST           |
|      | 4)        |           |                      |           |                       |              |           |       |           |                   |                      |
| N    | 2,0000000 | wl        | .2200000             | w2        | .1200000              | , w3         | .0600000  | SF    | .0623922  | IFr               | .8033323             |
| PRA  | 1.0688436 | PRB       | 1.0293400            | PRC       | 1.290427              | L            | .1213646  | min   | .0932431  | max               | .2332438             |
| Si   | 2.442467  | SAB       | 2.365156             | Sf        | 3.141608              | K            | .0281215  | Z     | .1118792  | m                 | .0600000             |
| n    | 1200000   | gam       | 36.869821            | b-al      | 21.099817             | the          | 111.09984 | phi   | 126.86984 |                   | EL THRUST            |
|      |           | 0         | ,,                   |           | ,                     |              |           |       |           | ,                 |                      |
| N    | 2.0000000 | wl        | .2200000             | w2        | .1200000              | w3           | .0700000  | SF    | .0663700  | LFr               | .8620358             |
| PRA  | 1.0700000 | PRB       | 1.0134393            | PRC       | 1.1802063             | L            | .1756001  | . min | .0991323  | max               | .2291330             |
| Si   | 2.849544  | SAB       | 2.626613             | Sf        | 3.141606              | ĸ            | .0764677  | z     | .0535329  | m                 | .0700000             |
| n    | 1200000   |           | 36.869821            |           | 23.577850             | the          |           |       |           |                   |                      |
|      | •120000   | gem       | 0.009021             | D-ST      | 23.511050             | VIIC         | 113.57787 | phi   | 126.86984 | 2-LE              | EL THRUST            |
| N    | 2,0000000 | wl        | :2200000             | w2        | .1200000              | w3           | .0700000  | SF    | .0663700  | LFr               | .8189526             |
| PRA  | 1.0784229 |           |                      |           |                       |              |           |       | - *       |                   |                      |
|      |           | PRB       | 1.0071836            | PRC       | 1.275962              | L            | .1310768  | min   | •0991323  | mex               | 2291330              |
| Si   | 2.493358  | SAB       | 2.444587             | Sf        | 3.141606              | K            | •0319445  | Z     | .0980562  | m                 | .0700000             |
| n    | .1200000  | gen       | 36.869821            | b-al      | 23.577850             | the          | 113.57787 | phi   | 126.86984 | 2-LEV             | EL THRUST            |
| **   |           |           |                      |           |                       | _            | .0        |       |           |                   |                      |
| N    | 2.0000000 | Vl_       | .2200000             | W2        | .1200000              | w3           | .0800000  | SF    | .0713320  | LFr               | .8751221             |
| PRA  | 1.0799977 | PRB       | .9934716             | PRC       | 1.1789196             | L            | .1787968  | · min | .1045018  | max               | .2245025             |
| Si   | 2.849557  | SAB       | 2.682328             | Sf        | 3.141605              | K            | •0742950  | Z     | .0457057  | m                 | .0800000             |
| n    | .1200000  | gam       | 36.869821            | b-al      | 26,103603             | the          | 116.10363 | · phi | 126.86984 | 2-LEV             | EL THRUST            |
| 1001 |           |           |                      |           |                       |              |           |       |           |                   |                      |
| N    | 2.0000000 | Wl.       | 2200000              | w2        | .1200000              | w3           | •0800000  | SF    | .0713320  | LFr               | 8348093              |
| PRA  | 1.0878104 | PRB       | •9877974             | PRC       | 1.262832              | L            | .1392193  | min   | .1045018  | max               | -2245025             |
| Si   | 2.532937  | SAB       | 2.518478             | Sf        | 3.141605              | K            | •0347175  | Z     | .0852832  | m                 | .0000000             |
| n    | .1200000  | gam       | 36.869821            | b-al      | 26,103603             | · the        | 116.10363 | phi   | 126.86984 | 2-LEV             | el thrust            |
|      |           |           |                      |           |                       | •            |           |       |           |                   |                      |
| N    | 2.0000000 | wl        | .2200000             | w2        | .1200000              | w3           | •0800000  | SF    | .0713320  | LFr               | .8025589             |
| PRA  | 1.0854888 | PRB       | .9787896             | PRC       | 1.357564              | L            | ·1075573  | min   | .1045018  | max               | .2245025             |
| Si   | 2.279641  | SAB       | 2.364296             | Sf        | 3.141605              | K            | .0030555  | Z     | .1169452  | m                 | .0800000             |
| n    | .1200000  | gam       | .36.869821           | b-al      | 26.103603             | the          | 116.10363 | phi   | 126.86984 | 2-LEV             | EL THRUST            |
|      |           |           |                      | •         |                       |              |           |       |           |                   |                      |
| N .  | 2.0000000 | wl        | .2200000             | w2        | .1200000              | w3           | •0900000  | SF    | .0773850  | LFr               | .8892727             |
| PRA  | 1.0899138 | PRB       | .9767449             | ·PRC      | 1.1745466             | L            | .1818371  | min   | .1093189  | mex               | .2193196             |
| Si   | 2.849554  | SAB       | 2.738420             | Sf        | 3.141604              | K            | .0725182  | z     | .0374825  | m                 | .0900000             |
| n    | .1200000  | gam       | 36.869821            |           | 28:685166             | the          | 118.68519 | phi   | 126.86984 |                   | EL THRUST            |
|      |           | 0         |                      |           |                       |              |           | F     | ,         |                   | III.OOI              |
| N    | 2.0000000 | wl        | .2200000             | w2        | .1200000              | w3           | .0900000  | SF    | .0773850  | LFr               | .8511763             |
| PRA  | 1.0970285 | PRB       | .9718451             |           | 1.2488065             | L            | .1462174  | min   | 1093189   | max               | .2193196             |
| Si   | 2.564596  | SAB       | 2.588566             | Sf        | 3.141604              | ĸ            | .0368984  | Z     | .0731022  | m                 | .0900000             |
| n    | .1200000  | gam       | 36.869821            |           | 28.685166             | the          | 118.68519 |       | 126.86984 |                   | IL THRUST            |
| ••   | •1200000  | 6cm       | 70.00,021            | D-all     | 20.00)100             | UI.E         | 10.00519  | phi   | 120,00904 | <b>∠-</b> 110 V 3 | er Throst            |
| N    | 2.0000000 | wl        | .2200000             | W2        | .1200000              | w3           | .0900000  | SF    | .0773850  | LFr               | .8200083             |
| PRA  | 1.0956440 | PRB       | 9650684              | PRC       | 1.330794              | Ĺ            | .1170750  | min   | 1093189   |                   |                      |
| Si   | 2.331457  | SAB,      | 2.446147             | Sf        | 3.141604              | ĸ            | .0077561  | Z     | .1022446  | mex<br>—          | .2193196             |
| n    | .1200000  | gem       | 36.869821            |           | 28.685166             | the          | 118.68519 |       | 126.86984 | m<br>O TERR       | .0900000             |
| -    | •=======  | - Down    | J0.00J0E             | U-al      | ۵.۵۰٫۱۵۰              | CIRC         | 110.00)19 | phi   | 120,00904 | Z-1EVE            | IL THRUST            |
| N    | 2.0000000 | wl        | .2200000             | w2        | .1200000              | w3           | .1000000  | SF    | .0847340  | LFr               | .9046173             |
| PRA  | 1.0996627 | PRB       | .9645559             |           | 1.1654571             | L            | 1847229   |       |           |                   |                      |
| Si   | 2.849549  | SAB       |                      |           |                       |              |           | min   | .1135425  | max               | .2135432             |
|      | .1200000  |           | 2.794651             | Sf        | 3.141603              | K            | .0711804  | Z     | .0288203  | m<br>O TYPE       | 1000000              |
| n    | •120000   | gam       | 36.869821            | D-ET      | 31.332087             | the          | 121.33211 | phi   | 126.86984 | 2-LEVE            | I THRUST             |
| N    | 2.0000000 | 7         | 000000               |           | - 000000              |              | 3000000   | ~-    | -01-5-1   |                   | 0.40-                |
| PRA  | 1.1061088 | wl<br>PRB | •2200000<br>•9605704 | w2<br>PRC | .1200000              | w3           | •1000000  | SF    | .0847340  | LFr               | .8683357<br>.2135432 |
| Si   | 2.590500  | SAB       | 2.656008             |           | 1.2313816<br>3.141603 | L            | .1523419  | min   | .1135425  |                   |                      |
|      | •         |           |                      | » Sf      | -                     | K            | .0387993  | Z     | .0612013  | m                 | .1000000             |
| n    | .1200000  | gam       | 36.869821            | D-al      | 31.332087             | the          | 121.33211 | phi   | 126.86984 | 2-LEVE            | L THRUST             |

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|     |             |              |                       |            | C4        |     |           |            |            |
|-----|-------------|--------------|-----------------------|------------|-----------|-----|-----------|------------|------------|
| N   | ° 2,0000000 | wl .22000    | 000 w2 .1200000       | ) w3       | .1000000  | SF  | .0847340  | LFr        | .8380995   |
| PRA |             | PRB .95558   |                       |            | .1253567  | min |           | max        | .2135433   |
| Si  | 2.374619    | SAB 2.523    |                       |            | .0118140  | z   | .0881867  | m          | .1000000   |
| n   | .1200000    | gam 36.8698  | 321 b-al 31.332067    | 7 the      | 121.33209 | phi | 126.86984 | 2-LE       | VEL THRUST |
| N   | 2,0000000   | wl .22000    | 000 w2 .1300000       | ) w3       | .0200000  | SF  | .0663166  | LFr        | .8225594   |
| PRA |             | PRB 1.1668   |                       | _          | .1625729  | min |           | max        | 2449610    |
| Si  | 2.849546    | SAB 2.3362   |                       |            | .0897060  | z   | .0823881  | m ·        | .0200000   |
| n   | .1300000    | gam 39.7917  |                       | the        | 101.53681 | phi | 129.79180 | 2-LE       | EL THRUST  |
|     |             |              |                       |            | T =       |     | - (000    |            | 0          |
| N   | 2.0000000   | wl .22000    |                       | -          | .0300000  | SF  | .0675888  | LFr        | .8311768   |
| PRA | 1.0300000   | PRB 1.13536  |                       |            | .1665707  | min | .0806066  | max        | .2427006   |
| Si  | 2.849561    | SAB 2.3887   |                       |            | .0859641  | Z   | .0761299  | m<br>O TIM | .0300000   |
| n   | .1300000    | gam 39.7917  | 82 b-al 13.886410     | the        | 103.88643 | phi | 129.79180 | \ بالد= >  | EL THRUST  |
| N   | 2.0000000   | wl .22000    |                       |            | .0400000  | SF  | .0693245  | LFr        | .8405676   |
| PRA | 1.0400000   | PRB 1.10567  |                       |            | .1704006  | min | .0879100  | max        | .2400041   |
| Si  | 2.849558    | SAB 2.4419   |                       |            | .0824906  | Z   | .0696035  | m          | .0400000   |
| n   | .1300000    | gam 39.7917  | 82 b-al 16.260141     | the        | 106.26016 | phi | 129.79180 | 2-LEV      | EL THRUST  |
| N   | 2.0000000   | wl .22000    | 00 w2 .1300000        | w3         | .0400000  | SF  | .0693245  | LFr        | .7788878   |
| PRA | 1.0484638   | PRB 1.09483  | 08 PRC 1.332488       | L          | .0991612  | min | .0879100  | max        | .2400041   |
| Si  | 2.279642    | SAB 2.1534   | 77 Sf 3.141598        | K          | .0112511  | 2   | .1408429  | m          | .0400000   |
| n   | .1300000    | gam 39.7917  | 82 b-al 16.260141     | the        | 106.26016 | phi | 129.79180 | 2-LEV      | el thrust  |
| N.  | 2.0000000   | wl .22000    | 00 w2 .1300000        | w3         | .0500000  | SF  | .0717659  | LFr        | .8509092   |
| PRA | 1.0500000   | PRB 1.07781  |                       | L          | .1740685  | min | .0947624  | max        | .2368565   |
| Si  | 2.849555    | SAB 2.4957   |                       | ĸ          | .0793061  | z   | .0627880  | m          | .0500000   |
| n   | .1300000    | gam 39.7917  |                       | the        | 108.66293 | phi | 129.79180 |            | EL THRUST  |
| N   | 2.0000000   | wl .220000   | 00 w2 .1300000        | w3         | .0500000  | SF  | .0717659  | IFr        | .7964869   |
| PRA | 1.0587275   | PRB 1.06897  |                       | L          | 1147022   | min | .0947624  | max        | .2368565   |
| Si  | 2.374625    | SAB 2.2552   |                       | K          | .0199398  | Z   | .1221542  | m          | .0500000   |
| 'n  | .1300000    | gam 39.7917  | 32 b-al 18.662906     | the        | 108.66293 | phi | 129.79180 | 2-LEV      | EL THRUST  |
| N   | 2.0000000   | wl .220000   | 00 <b>v2</b> .1300000 | w3         | .0600000  | SF  | .0748825  | LFr        | .8621168   |
| PRA | 1.0600000   | PRB 1.05187  |                       | L          | .1775780  | min | .1011498  | max        | .2332438   |
| Si  | 2.849549    | SAB 2.5502   |                       | K          | .0764282  | Z   | .0556658  | m-         | .0600000   |
| n   | .1300000    | gam 39.79178 | 32 b-al 21.099817     | the        | 111.09984 | phi | 129.79180 | 2-LEV      | IL THRUST  |
| · N | 2.0000000   | wl .220000   | 00 w2 .1300000        | w3         | .0600000  | SF  | .0748825  | LFr        | .8128786   |
| PRA | 1.0685235   | PRB 1.043823 | 60 PRC 1.284518       | L          | .1266937  | min | .1011498  | max        | .2332438   |
| Si  | 2.442475    | SAB 2.34306  |                       | . K        | .0255440  | z   | .1065501  | m          | .0600000   |
| n   | .1300000    | gam 39.79178 | 32 b-al 21.099817     | the        | 111.09984 | phi | 129.79180 | 2-LEVE     | IL THRUST  |
| N   | 2.0000000   | wl .220000   | 0 w2 .1300000         | <b>w</b> 3 | .0700000  | SF  | .0788612  | LFr        | .8743153   |
| PRA | 1.0700000   | PRB 1.027973 |                       | Ľ          | 1809292   | min | .1070390  | max        | .2291330   |
| Si  | 2.849552    | SAB 2.60530  |                       | K          | .0738903  | Z   | .0482038  | m          | .0700000   |
| n.  | .1300000 ·  | gam 39.79178 | 2 b-al 23.577850      | the        | 113.57787 | phi | 129.79180 | 2-LEVE     | L THRUST   |
| N   | 2,0000000   | wl220000     | 0 w2 .1300000         | .w3        | .0700000  | SF  | .0788612  | LFr        | .8289623   |
| PRA | 1.0780599   | PRB 1.020553 |                       | L          | .1364041  | min | .1070390  | max        | .2291330   |
| Si  | 2.493351    | SAB 2.42236  | 6 Sf 3.141604         | K          | .0293651  | 2   | 0927290   | m          | .0700000   |
| n   | .1300000    | gam 39.79178 | 2 b-al 23.577850      | . the      | 113.57787 | phi | 129.79180 | 2-LEVE     | L THRUST   |
| N   | 2.0000000   | wl .220000   | 0 w2 .1300000         | ₩3         | .0800000  | SF  | .0838232  | LFr        | .8875609   |
| PRA | 1.0799905   | PRB 1.006335 |                       | L          | .1841240  | min | .1124084  |            | 2245025    |
| Si  | 2.849550    | SAB 2.66099  |                       | K          | .0717156  | Z   | .0403785  |            | .0800000   |
| n   | .1300000    | gam 39.79178 |                       |            | 116.10363 |     | 129.79180 |            | L THRUST   |
| N   | 2.0000000   | wl .220000   | w2 .1300000           | w3         | .0800000  | SF  | .0838232  | LFr        | .8452320   |
| PRA | 1.0873876   | PRB .999674  | 2 PRC 1.259019        | Ĺ          | .1445465  | min | 1124084   | max        | 2245025    |
| Si  | 2.532930    | SAB *2.49609 |                       | K          | .0321381  | z   | •0799560  | m          | .0800000   |
| n   | .1300000    | gam 39.79178 | 2 b-al 26.103603      | the        | 116.10363 | phi | 129.79180 | 2-LEVE     | L THRUST   |

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|                     |  |                         |           |  |                     |   |                       |           | ,  |
|---------------------|--|-------------------------|-----------|--|---------------------|---|-----------------------|-----------|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0479456<br>2.279643<br>.1400000 | wl<br>PRE<br>SAE<br>gam | 2.128089  | w2 .1400000<br>PRC 1.329596<br>Sf 3.141604<br>b-al 16.260141 | w3<br>L<br>K<br>the | .0400000<br>.1052132<br>.0085142<br>106.26016 | SF<br>min<br>z<br>phi | .1347909  | IFr .7881661<br>max + .2400041<br>m .0400000<br>2-LEVEL THRUST |
| N                   | 2.0000000                                      | wl                      | 2.471552  | w2 .1400000  | w3                  | .0500000                                      | SF                    | .0865450  | IFr .8639622   |
| PRA                 | 1.0500000                                      | PRE                     |           | PRC 1.1606532  | L                   | .1801205                                      | min                   | .1035513  | max .2368565   |
| Si                  | 2.849556                                       | SAE                     |           | Sf 3.141606  | K                   | .0765692                                      | z                     | .0567360  | m .0500000   |
| n                   | .1400000                                       | gam                     |           | b-al 18.662906   | the                 | 108.66293                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | 2.230107  | w2 .1400000  | w3                  | .0500000                                      | SF                    | .0865450  | IFr .8065157   |
| PRA                 | 1.0583240                                      | PRB                     |           | PRC 1.299316   | L                   | .1207543                                      | min                   | .1035513  | max .2368565   |
| Si                  | 2.374626                                       | SAB                     |           | Sf 3.141606  | K                   | .0172029                                      | z                     | .1161022  | m .0500000   |
| n                   | .1400000                                       | gam                     |           | b-al 18.662906   | the                 | 108.66293                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | 2.526004  | w2 .1400000  | w3                  | .0600000                                      | SF                    | .0896626  | LFr .8753309   |
| PRA                 | 1.0600000                                      | PRB                     |           | PRC 1.1644316  | L                   | .1836300                                      | min                   | .1099387  | max .2332438   |
| Si                  | 2.849550                                       | SAB                     |           | Sf 3.141612  | K                   | .0736914                                      | z                     | .0496138  | m .0600000   |
| n                   | .1400000                                       | gam                     |           | b-al 21.099817   | the                 | 111.09984                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .0600000                                      | SF                    | .0896626  | IFr .8235006   |
| PRA                 | 1.0681194                                      | PRB                     | 1.0583953 | PRC 1.280604   | L                   | .1327458                                      | min                   | .1099387  | max .2332438   |
| Si                  | 2.442476                                       | SAB                     | 2.317874  | Sf 3.141612  | K                   | .0228071                                      | z                     | .1004981  | m .0600000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 21.099817   | the                 | 111.09984                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .0700000                                      | SF                    | .0936403  | LFr .8877087   |
| PRA                 | 1.0700000                                      | PRB                     | 1.0429373 | PRC 1.1670505  | L                   | .1869812                                      | min                   | .1158279  | max .2291330   |
| Si                  | 2.849553                                       | SAB                     | 2.581098  | Sf 3.141610  | K                   | .0711534                                      | z                     | .0421518  | m .0700000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 23.577850   | the                 | 113.57787                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .0700000                                      | SF                    | .0936403  | LFr .8400879   |
| PRA                 | 1.0776120                                      | PRB                     | 1.0342053 | PRC 1.267272   | L                   | .1424561                                      | min                   | .1158279  | max .2291330   |
| Si                  | 2.493352                                       | SAB                     | 2.397042  | Sf 3.141610  | K                   | .0266282                                      | z                     | .0866769  | m .0700000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 23.577850   | the                 | 113.57787                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .220000   | w2 .1400000  | wj                  | .0800000                                      | SF                    | .0986023  | IFr .9011517   |
| PRA                 | 1.0799754                                      | PRB                     | 1.0198918 | PRC 1.1682358  | L                   | .1901760                                      | min                   | .1211973  | max .2245025   |
| Si                  | 2.849551                                       | SAB                     | 2.636741  | Sf 3.141609  | K                   | .0689787                                      | z                     | .0343265  | m .0800000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 26.103603   | the                 | 116.10363                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .0800000                                      | SF                    | .0986023  | LFr .8568068   |
| PRA                 | 1.0868762                                      | PRB                     | 1.0121429 | PRC 1.256348   | L                   | .1505985                                      | min                   | .1211973  | max .2245025   |
| Si                  | 2.532931                                       | SAB                     | 2.470589  | Sf 3.141609  | K                   | .0294012                                      | z                     | .0739040  | m .0800000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 26.103603   | the                 | 116.10363                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .0900000                                      | SF                    | .1046553  | IFr .9157000   |
| PRA                 | 1.0898058                                      | PRB                     | .9992820  | PRC 1.1675993  | L                   | .1932163                                      | min                   | .1260145  | max .2193196   |
| Si                  | 2.849549                                       | SAB                     | 2.692590  | Sf · 3.141608  | K                   | .0672019                                      | z                     | .0261033  | m .0900000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 28.685166   | the                 | 118.68519                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .0900000                                      | SF                    | .1046553  | IFr .8739758   |
| PRA                 | 1.0959546                                      | PRB                     | .9925263  | PRC 1.2460255  | L                   | .1575966                                      | min                   | .1260145  | max .2193196   |
| Si                  | 2.564591                                       | SAB                     | 2.540289  | Sf 3.141608  | K                   | .0315822                                      | z                     | .0617230  | m .0900000   |
| n                   | .1400000                                       | gem                     | 42.843321 | b-al 28.685166   | the                 | 118.68519                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N                   | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .0900000                                      | SF                    | .1046553  | IFr .8398390   |
| PRA                 | 1.0918503                                      | PRB                     | .9827435  | PRC 1.336567   | L                   | .1284542                                      | min                   | .1260145  | max .2193196   |
| Si                  | 2.331452                                       | SAB                     | 2.391779  | Sf 3.141608  | K                   | .0024398                                      | z                     | .0908654  | m .0900000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 28.685166   | the                 | 118.68519                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |
| N .                 | 2.0000000                                      | wl                      | .2200000  | w2 .1400000  | w3                  | .1000000                                      | SF                    | .1120043  | LFr .9314909   |
| PRA                 | 1.0994329                                      | PRB                     | .9815010  | PRC 1.1645768  | L                   | .1961041                                      | min                   | .1302381  | max .2135432   |
| Si                  | 2.849559                                       | SAB                     | 2.748483  | Sf 3.141607  | K                   | .0658660                                      | z                     | .0174391  | m .1000000   |
| n                   | .1400000                                       | gam                     | 42.843321 | b-al 31.332087   | the                 | 121.33211                                     | phi                   | 132.84334 | 2-LEVEL THRUST   |

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| N                   | 2.0000000                                      | wl                      | •2200000                                       | w2 .1400000   | w3                  | .1000000                                      | SF                      | .1120043                                      | max .21  | 19096                |
|---------------------|--|-------------------------|--|---|---------------------|---|-------------------------|---|--|----------------------|
| PRA                 | 1.1048921                                      | PRB                     | •9757189                                       | PRC 1.2348967   | L                   | .1637211                                      | min                     | .1302381                                      |  | 35432                |
| Si                  | 2.590495                                       | SAB                     | 2•607333                                       | Sf 3.141607   | K                   | .0334830                                      | z                       | .0498221                                      |  | 00000                |
| n                   | .1400000                                       | gam                     | 42•843321                                      | b-al 31.332087  | the                 | 121.33211                                     | phi                     | 132.84334                                     |  | HRUST                |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1400000   | w3                  | .1000000                                      | SF                      | .1120043                                      | max .213   | 39277                |
| PRA                 | 1.1017252                                      | PRB                     | .9680423                                       | PRC 1.314301  | L                   | .1367378                                      | min                     | .1302381                                      |  | 35432                |
| Si                  | 2.374629                                       | SAB                     | 2.469237                                       | Sf 3.141607   | K                   | .0064998                                      | z                       | .0768054                                      |  | 00000                |
| n                   | .1400000                                       | gam                     | 42.843321                                      | b-al 31.332087  | the                 | 1.21.33211                                    | phi                     | 132.84334                                     |  | HRUST                |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1400000   | w3                  | .1100000                                      | SF                      | .1208334                                      | max .207   | 36323                |
| PRA                 | 1.1088613                                      | PRB                     | .9671513                                       | PRC 1.1582845   | L                   | .1988354                                      | min                     | .1338192                                      |  | 71243                |
| Si                  | 2.849549                                       | SAB                     | 2.804414                                       | Sf 3.141606   | K                   | .0650162                                      | z                       | .0082889                                      |  | 30000                |
| n                   | .1400000°                                      | gam                     | 42.843321                                      | b-al 34.055671  | the                 | 124.05569                                     | phi                     | 132.84334                                     |  | IRUST                |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1400000   | w3                  | .1100000                                      | SF                      | .1208334                                      | max .207   | 08391                |
| PRA                 | 1.1137413                                      | PRB                     | .9623308                                       | PRC 1.2215079   | L                   | .1691532                                      | min                     | .1338192                                      |  | 71243                |
| Si                  | 2.612092                                       | SAB                     | 2.672582                                       | Sf 3.141606   | K                   | .0353341                                      | z                       | .0379711                                      |  | 00000                |
| n                   | .1400000                                       | gam                     | 42.843321                                      | b-al 34.055671  | the                 | 124.05569                                     | phi                     | 132.84334                                     |  | IRUST                |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1400000   | w3                  | .1100000                                      | SF                      | .1208334                                      | max .207   | 88605                |
| PRA                 | 1.1112706                                      | PRB                     | .9563432                                       | PRC 1.291633  | L                   | .1440373                                      | min                     | .1338192                                      |  | 1243                 |
| Si                  | 2.411164                                       | SAB                     | 2.543307                                       | Sf 3.141606   | K                   | .0102181                                      | z                       | .0630870                                      |  | 10000                |
| n                   | .1400000                                       | gam                     | 42.843321                                      | b-al 34.055671  | the                 | 124.05569                                     | phi                     | 132.84334                                     |  | IRUST                |
| N                   | 2.0000000                                      | wi                      | .2200000                                       | w2 .1400000   | w3                  | .1200000                                      | SF                      | .1313639                                      | max .200   | 9807                 |
| PRA                 | 1.1225649                                      | PRB                     | .9536352                                       | PRC 1.20377731  | L                   | .1740131                                      | min                     | .1366955                                      |  | 0006                 |
| Si                  | 2.630350                                       | SAB                     | 2.736686                                       | Sf 3.141607   | K                   | .0373177                                      | z                       | .0259875                                      |  | 0000                 |
| n                   | .1400000                                       | gem                     | 42.843321                                      | b-al 36.869821  | the                 | 126.86984                                     | phi                     | 132.84334                                     |  | RUST                 |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1207012<br>2.442468<br>.1400000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9491262<br>2.615166<br>42.843321  | w2 .1400000<br>PRC 1.265694<br>Sf 3.141607<br>b-al 36.869821  | w3<br>L<br>K<br>the | .1200000<br>.1505280<br>.0138325<br>126.86984 | SF<br>min<br>z<br>phi   | .1313639<br>.1366955<br>.0494727<br>132.84334 |  |                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849549<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.2083071<br>2.284399<br>46.054220 | w2 .1500000<br>PRC 1.1381576<br>Sf 3.141606<br>b-al 11.536790 | w3<br>L<br>K<br>the | .0200000<br>.1755352<br>.0840694<br>101.53681 | SF.<br>min<br>z<br>phi  | .0985918<br>.0914658<br>.0694258<br>136.05424 | IFr .849<br>max .2449<br>m .0200<br>2-LEVEL TH   | 9610<br>0000         |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1500000   | w3.                 | .0300000                                      | SF                      | .0998640                                      | LFr .8579  | 0000                 |
| PRA                 | 1.0300000                                      | PRB                     | 1.1746693                                      | PRC 1.1444417   | L                   | .1795311                                      | min                     | .0992055                                      | max .242   |                      |
| Si                  | 2.849549                                       | SAB                     | 2.336911                                       | Sf 3.141605   | K                   | .0803257                                      | z                       | .0631695                                      | m .0300  |                      |
| n                   | .1500000                                       | gam                     | 46,054220                                      | b-al 13.886410  | the                 | 103.88643                                     | phi                     | 136.05424                                     | 2-LEVEL TH                                       |                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849545<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.1428199<br>2.390083<br>46.054220 | w2 .1500000<br>PRC 1.1501659<br>Sf 3.141603<br>b-al 16.260141 | w3<br>L<br>K<br>the | .0400000<br>.1833611<br>.0768521<br>106.26016 | SF<br>min<br>z<br>phi   | .1015997<br>.1065089<br>.0566430<br>136.05424 | IFr .8676<br>max .2400<br>m .0400<br>2-LEVEL THE | 0041<br>00 <b>00</b> |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | w2 .1500000   | w3                  | .0400000                                      | SF                      | .1015997                                      | LFr .7986  | 0041                 |
| PRA                 | 1.0472665                                      | PRB                     | 1.1255975                                      | PRC 1.329769  | L                   | .1121235                                      | min                     | .1065089                                      | max .2400  |                      |
| Si                  | 2.279645                                       | SAB                     | 2.098902                                       | Sf 3.141603   | K                   | .0056146                                      | z                       | .1278806                                      | m .0400  |                      |
| n                   | .1500000                                       | gam                     | 46.054220                                      | b-al 16.260141  | the                 | 106.26016                                     | phi                     | 136.05424                                     | 2-LEVEL THE                                      |                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849557<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.1127729<br>2.443912<br>46.054220 | w2 .1500000<br>PRC 1.1552059<br>Sf 3.141605<br>b-al 18.662906 | w3<br>L<br>K<br>the | .0500000<br>.1870308<br>.0736695<br>108.66293 | SF •<br>min<br>z<br>phi | .1040411<br>.1133613<br>.0498257<br>136.05424 | LFr .8782<br>mex .2368<br>m .0500<br>2-LEVEL THR | 3565<br>3000         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0578031<br>2.374628<br>.1500000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0993817<br>2.201230<br>46.054220 | w2 .1500000<br>PRC 1.298188<br>Sf 3.141605<br>b-al 18.662906  | w3<br>L<br>K<br>the | .0500000<br>.1276646<br>.0143033<br>108.66293 | SF<br>min<br>z<br>phi   | .1040411<br>.1133613<br>.1091919<br>136.05424 | LFr .8178<br>max .2368<br>m .0500<br>2-LEVEL THR | 1565<br>1000         |

|   |                  |                                    |                  |                                   |            |                                   |                 | •                                |            |                                  |                 |   |
|---|------------------|------------------------------------|------------------|-----------------------------------|------------|-----------------------------------|-----------------|----------------------------------|------------|----------------------------------|-----------------|---|
|   | N .<br>PRA<br>Si | 2.0000000<br>1.0600000<br>2.849552 | wl<br>PRB<br>SAB | .2200000<br>1.0845549<br>2.498365 | Sf         | .1500000<br>1.1594315<br>3.141611 | w3<br>L<br>K    | .0600000<br>.1905403<br>.0707917 | Z          | .1071587<br>.1197487<br>.0427035 | LFr<br>max<br>m | .8898697<br>.2332438<br>.0600000<br>EL THRUST |
|   | n"               | .1500000                           | gam              | 46.054220                         | b-al       | 21.099817                         | the             | 111.09984                        | phi        | 136.05424                        | ر∨ شر=ے         | *   |
| ` | - 10             |                                    |                  | .2200000                          | w2         | .1500000                          | w3              | .0600000                         | SF         | .1071587                         | LFr             | .8354473                                      |
|   | N                | 2.0000000                          | wl<br>PRB        | 1.0730067                         | PRC        | 1.279105                          | L               | .1396561                         | min        | .1197487                         | max             | .2332438<br>.0600000                          |
|   | PRA<br>Si        | 2.442478                           | SAB              | 2.288989                          | Sf         | 3.141611                          | K               | .0199074<br>111.09984            | z<br>phi   | .0935877<br>136.05424            | m<br>2-LEV      | EL THRUST                                     |
|   | n                | .1500000                           | gam              | 46.054220                         | b-al       | 21.099817                         | the             | 111.09904                        | pm         | 1)0,0)461                        | 77              |   |
|   |                  |                                    | ••1              | .2200000                          | w2         | .1500000                          | w3              | .0700000                         | SF         | .1111365                         | LFr             | .9024696                                      |
|   | N<br>PRA         | 2.0000000                          | wl<br>PRB        | 1.0582201                         | PRC        | 1.1626442                         | L               | .1938915                         | min        | .1256379<br>.0352415             | max<br>m        | .2291330<br>.0700000                          |
|   | Si               | 2.849555                           | SAB              | 2.553462                          | Sf         | 3.141609                          | K<br>the        | .0682537<br>113.57787            | z<br>phi   | 136.05424                        | 2-LEV           | EL THRUST                                     |
|   | n                | .1500000                           | gam              | 46.054220                         | b-al       | 23.577850                         | One             | TT)•///01                        | F          |                                  |                 | 0505010                                       |
|   | N.               | 2.0000000                          | wl               | .2200000                          | w2         | .1500000                          | w3              | .0700000                         | SF         | .1111365<br>.1256379             | LFr<br>max •    | .8525810<br>.2291330                          |
|   | PRA              | 1.0770596                          | PRB              | 1.0480186                         | PRC        | 1.265892                          | L               | .1493664<br>.0237285             | min<br>z   | .0797666                         | m               | .0700000                                      |
|   | Si               | 2.493354                           | SAB              | 2.368026<br>46.054220             | Sf<br>h-al | 3.141609<br>23.57 <b>7</b> 850    | K<br>the        | 113.57787                        | phi        | 136.05424                        | 2-LEV           | EL THRUST                                     |
|   | n                | .1500000                           | gam              | 40.094220                         |            |                                   |                 |                                  | CTTT.      | .1160984                         | LFr             | .9161530                                      |
|   | N                | 2.0000000                          | Wl               | .2200000                          | w2 .       | .1500000                          | w3              | .0800000<br>.1970863             | .SF<br>min | .1310073                         | max             | 2245025                                       |
|   | PRA              | 1.0799489                          | PRB              | 1.0339171<br>2.609027             | PRC<br>Sf  | 1.1646295<br>3.141608             | L<br>K          | .0660790                         | Z          | .0274161                         | m               | .0800000                                      |
|   | Si               | 2.849553<br>.1500000               | SAB              | 46.054220                         | b-al       | 26.103603                         | the             | 116.10363                        | phi        | 136.05424                        | 2-LEV           | EL THRUST                                     |
|   | n                | •1)00000                           | Pom              |                                   |            |                                   | 7               | .0800000                         | SF         | .1160984                         | LFr             | .8697929                                      |
|   | N                | 2.0000000                          | wl               | .2200000                          | w2<br>PRC  | .1500000<br>1.255474              | w3<br>L         | .1575089                         | min        | .1310073                         | max             | .2245025                                      |
|   | PRA              | 1.0862571                          | PRB<br>SAB       | 1.0249642<br>2.441382             | Sf         | 3.141608                          | K               | .0265015                         | Z          | .0669936                         | m<br>O TES      | .0800000<br>TEL THRUST                        |
|   | Si<br>n          | 2.532933<br>.1500000               | gam              | 46.054220                         | b-al       |                                   | the             | 116.10363                        | phi        | 136.05424                        | ∠=1±0 ¥         | WT TIMOOT                                     |
|   |                  | 0.0000000                          | 1                | .2200000                          | w2         | .1500000                          | w3              | .0900000                         | SF         | .1221514                         | LFr             | .9309626                                      |
|   | N<br>PRA         | 2.0000000<br>1.0897200             | wl<br>PRB        | 1.0119067                         | PRC        | 1.1650973                         | L               | .2001267                         | min        | .1358245                         | max             | .2193196<br>.0900000                          |
|   | Si               | 2.849551                           | SAB              | 2.664706                          | Sf         | 3.141607                          | K               | .0643022<br>118.68519            | z<br>phi   | .0191929 .<br>136.05424          | m<br>2-LEV      | EL THRUST                                     |
|   | n                | .1500000                           | gam              | 46.054220                         | b-al       | 28.685166                         | the             | 110.00717                        | P***       |                                  | - 2             | 000000  |
|   | N                | 2.0000000                          | wl               | .2200000                          | w2         | .1500000                          | <b>w</b> 3      | •0900000                         | SF         | .1221514                         | LFr<br>max      | .8874245<br>.2193196                          |
|   | PRA              | 1.0952585                          | PRB              | 1.0041171                         | PRC        | 1.2460753                         | L               | 1645069<br>.0286825              | min<br>z   | .1358245<br>.0548127             | m               | .0900000                                      |
|   | Si               | 2.564593                           | SAB              | 2.510864<br>46.054220             | Sf<br>b-al | 3.141607<br>28.685166             | K<br>the        | 118.68519                        | phi        | 136.05424                        |                 | EL THRUST                                     |
|   | n                | •1500000                           | gam              | 40.074220                         | D-CLI      |                                   |                 |                                  | CTT3       | .1295004                         | IFr             | •9470358                                      |
|   | N                | 2.0000000                          | wl               | .2200000                          | w2         | .1500000                          | <b>w</b> 3      | .1000000<br>.2030125             | SF<br>min  | .1400481                         | max             | .2135432                                      |
|   | PRA              | 1.0992715                          | PRB              | .9924292                          | PRC<br>Sf  | 1.1636532<br>3.141606             | L<br>K          | .0629644                         | Z          | .0105307                         | m               | .1000000                                      |
|   | Si<br>n          | 2.849545<br>.1500000               | SAB<br>gam       | 2.720374<br>46.054220             |            | 31.332087                         | the             | 121.33211                        | phi        | 136.05424                        | 2-LE            | VEL THRUST                                    |
|   | 11               |                                    | 0                |                                   |            | 1 md0000                          | ***             | .1000000                         | SF         | 1295004                          | LFr             | .9058075                                      |
|   | N                | 2.0000000                          | wl<br>PRB        | .2200000<br>.9857189              | w2<br>PRC  | .1500000<br>1.2364280             | w3<br>L         | .1706314                         | min        | .1400481                         | max             | .2135432                                      |
|   | PRA<br>Si        | 1.1041166<br>2.590497              | SAB              | 2.577685                          | Sf         | 3.141606                          | K               | .0305834                         | z,         | .0429118<br>136:05424            | m<br>orr        | .1000000<br>VEL THRUST                        |
|   | n                | .1500000 .                         |                  | 46.054220                         | b-al       | 31.332087                         | the             | 121.33211                        | phi        | 100.00424                        | هلنبذ = _≥      |   |
|   | NT               | 2.0000000                          | wl               | .2200000                          | w2         | .1500000                          | w3              | .1000000                         | SF         | .1295004                         | LFr             | .8714514                                      |
|   | N<br>PRA         |                                    | PRB              | •9766210                          | PRC        | 1.320416                          | L               | .1436482                         | min        | .1400481<br>.0698950             | max<br>m        | .2135432                                      |
|   | Si               | 2.374631                           | SAB              | 2.436212                          | Sf         | 3.141606<br>31.332087             | K<br>the        | .0036001<br>121.33211            | z<br>phi   | 136.05424                        |                 | VEL THRUST                                    |
|   | n                | .1500000                           | gam              | 46.054220                         | 0-81       | . 91.992001                       | OIIC            | •                                |            |                                  | ,<br>T 17       | <b>.</b> 9644880                              |
|   | N                | 2.0000000                          | wl               | .2200000                          | w2         | .1500000                          | <b>w</b> 3      | .1100000                         | SF         | .1383286<br>.1436292             | LFr<br>max      | 2071243                                       |
|   | PRA              | 1.1086169                          | PRB              | .9758100                          | PRC        | 1.1597241<br>3.141605             | L<br>K          | .2057457<br>.0621166             | min<br>z   | .0013786                         | m               | .1100000                                      |
|   | Si               | 2.849551                           | SAB              | 16 0000                           | Sf<br>b-al | 34.055671                         | the             | 124.05569                        | phi        | 136.05424                        | 2-LE            | VEL THRUST                                    |
|   | n                | •1500000                           | gam              | TU.U) TEEU                        | 5-00       |                                   |                 |                                  | CTT.       | .1383286                         | LFr             | .9251833                                      |
|   | N                | 2.0000000                          | wl               | .2200000                          | w2<br>PRC  | .1500000<br>1.2254017             | <b>w</b> 3<br>L | .1100000<br>.1760635             | SF<br>min  | .1436292                         | max             | .2071243                                      |
|   | PRA<br>Si        | 1.1128906<br>2.612094              | PRB<br>SAB       | <b>21</b>                         | Sf         | 3.141605                          | K               | .0324344                         | z          | .0310607                         | m               | .1100000                                      |
|   | n                | .1500000                           | gan              | 1 6 1 000                         | b-al       | 1 34.055671                       | the             | 124.05569                        | phi        | 136.05424                        | 2-11            | VEL THRUST                                    |
|   |                  |                                    |                  |                                   |            |                                   | *               |                                  |            |                                  |                 |   |

| N    | 2.0000000         | wl.  | • .2200000 | w2 °       | .1500000  | w3          | .1.100000 | SF   | .1383286   | LFr     | .8919230    |
|------|-------------------|------|------------|------------|-----------|-------------|-----------|------|------------|---------|-------------|
| PRA  | 1.1091151         | PRB  | .9628643   | PRC        | 1.299670  | Ĺ           | .1509457  | min  | .1436292   | max     | .2071243    |
| Si   | 2.411151°         | SAB  | 2.510461   | Sf         | 3.141605  | K           | .0073165  | Z    | .0561786   | m       | .1100000    |
| n    | .1500000          | gam  | 46.054220  | b-al       | 34.055671 | the         | 124.05569 | phi  | 136.05424  | 2=LE    | VEL THRUST  |
| N    | 2,0000000         | wl   | .2200000   | w2         | .1500000  | w3          | .1200000  | SF   | .1488590   | LFr     | .9457779    |
| PRA  | 1.1216478         | PRB  | .9579060   |            | 1.2117116 | L           | .1809235  | min  | .1465055   | max     | .2000006    |
| Si   | 2.630352          | SAB  | 2.706634   | Sf         | 3.141606  | K           | .0344180  | z    | .0190772   | m       | .1200000    |
| n    | .1500000          | gam  | 46.054220  | b-al       | 36.869821 | the         | 126.86984 | phi  | 136.05424  | 2-LE    | VEL THRUST  |
| N    | 2.0000000         | wl   | .2200000   | w2         | .1500000  | w3          | .1200000  | SF   | ±1488590   | LFr     | .9134836    |
| PRA  | 1.11.86320        | PRB  | .9522000   | PRC        | 1.277579  | L           | .1574383  | min  | .1465055   | max     | .2000006    |
| Si   | 2.442470          | SAB  | 2.582472   | Sf         | 3.141606  | K           | .0109328  | 2    | .0425623   | m       | .1200000    |
| n    | .1.500000         | gam  | 46.054220  | b-al       | 36.869821 | the         | 126.86984 | phi  | 136.05424  | 2-LE    | VEL THRUST  |
| N    | 2.0000000         | wl   | .2200000   | w2         | .1500000  | w3          | .1300000  | SF   | .1613569   | lFr     | .9678383    |
| PRA  | 1.1304625         | PRB  | .9503989   |            | 1.1933405 | L           | .1853027  | min  | .1485989   | max     | .1920940    |
| Si   | 2.646014          | SAB  | 2.770009   | Sf         | 3.141605  | K           | .0367038  | Z    | .0067913 * | m       | .1300000    |
| n    | •1500000          | gam  | 46.054220  | b-al       | 39.791782 | the         | 129.79180 | phi  | 136.05424  | 2-LEV   | EL THRUST   |
| N    | 2.0000000         | wl   | .2200000   | W2         | .1500000  | w3          | .1300000  | ·SF  | .1613569   | LFr     | .9363928    |
| PRA  | 1.1281800         | PRB  | .9460782   | PRC        | 1.251590  | L           | .1632519  | min  | .1485989   | max     | .1920940    |
| Si   | 2,469608          | SAB  | 2.653155   | Sf         | 3.141605  | K           | •01.46530 | Z    | .0288422   | m       | .1300000    |
| n    | 1500000           | gam  | 46.054220  | b-al       | 39.791782 | the         | 129.79180 | phi  | 136.05424  | 2-LEV   | EL THRUST   |
| N    | 2.0000000         | w.l. | .2200000   | w2         | .1600000  | <b>w</b> 3  | .0200000  | SF   | .1193552   | LFr     | .8642712    |
| PRA  | 1.0200000         | PRB  | 1,2297888  | PRC        | 1.1340532 | L           | .1834812  | min  | .1024789   | max     | .2449610    |
| Si   | 2.849553          | SAB  | 2.252620   | Sf         | 3.141607  | K           | .0810023  | z    | .0614798   | m       | .0200000    |
| n    | .1600000          | gam  | 49.463979  | b-al       | 11.536790 | the         | 101.53681 | phi  | 139.46400  | 2-LEV   | EL THRUST   |
| N    | 2.0000000         | wl   | .2200000   | w2         | .1600000  | w3          | .0300000  | SF   | .1206274   | LFr     | .8733788    |
| PRA  | 1.0300000         | PRB  | 1.1949357  |            | 1.1405420 | L           | .1874771  | min  | •1102185   | max     | .2427006    |
| Si   | 2.849553          | SAB  | 2.305132   | Sf         | 3.141605  | K           | .0772586  | Z    | .0552235   | m       | .0300000    |
| n    | .1600000          | gam  | 49.463979  | b-al       | 13.886410 | the         | 103.88643 | phi  | 139.46400  | 2-LEV   | EL THRUST   |
| N    | 2.0000000         | wl   | .2200000   | w2         | .1600000  | w3          | •0400000  | SF   | .1223631   | LFr     | .8833027    |
| PRA  | 1.0400000         | PRB  | 1.1619030  |            | 1.1465205 | Ĺ           | .1913071  | min  | .1175220   | max     | .2400041    |
| Si   | 2.849550          | SAB  | 2.358304   | Sf         | 3.141604  | K           | .0737851  | Z    | .0486970   | m       | .0400000    |
| n    | .1600000          | gam  | 49.463979  | b-al       | 16.260141 | the         | 106.26016 | phi  | 139.46400  | 2-LEV   | EL THRUST   |
| N    | 2.0000000         | wl   | .2200000   | <b>w</b> 2 | .1600000  | W3          | .0400000  | SF   | .1223631   | LFr     | .8107395    |
| PRA  | 1.0463764         | PRB  | 1.1407311  | PRC        | 1.333614  | L           | .1200676  | min  | .1175220   | max     | .2400041    |
| Si   | 2.279634          | SAB  | 2.065085   | Sf         | 3.141604  | K           | .0025456  | z    | .1199365   | m       | .0400000    |
| n    | .1600000          | gam  | 49.463979  | b-al       | 16.260141 | the         | 106.26016 | phi  | 139.46400  | 2-LEV   | EL THRUST   |
| N    | 2.0000000         | wl   | .2200000   | w2         | .1600000  | w3          | .0500000  | SF   | .1248045   | LFr     | .8942242    |
| PRA  | 1.0500000         | PRB  | 1.1306887  | PRC :      | 1.1518839 | L           | 1949749   | min  | .1243744   | max     | .2368565    |
| Si   | 2.849547          | SAB  | 2.412125   | Sf         | 3.141.605 | K           | .0706005  | ·z   | .0418816   | m       | .0500000    |
| n    | .1600000          | gam  | 49.463979  | b-al :     | 18.662906 | the         | 108.66293 | phi  | 139.46400  | 2-LEV   | EL THRUST - |
| N    | 2.0000000         | wl   | .2200000   | w2         | .1600000  | w3          | .0500000  | SF   | .1248045   | LFr     | .8307324    |
| PRA  | 1.0571315         | PRB  | 1.1145183  | PRC        | 1.300271  | L.          | .1356106  | min  | .1243744   | max     | .2368565    |
| Si   | 2.374632          | SAB  | 2.167856   | Sf         | 3.141605  | K           | .0112362  | z    | .1012459   | m .     | .0500000    |
| n    | .1.600000         | gam  | 49.463979  | b-al.      | 18.662906 | the'        | 108.66293 | phi  | 139.46400  | 2-11671 | EL THRUST   |
| N    | 2.0000000         | wl   | .2200000   | w2         | 1600000   | w3          | .0600000  | SF   | .1279211   | LFr     | .9060583    |
| PRA  | 1.0600000         | PRB  | 1.1013078  |            | 1.1565055 | L           | .1984863  | min  | .1307618   | max     | .2332438    |
| Si   | 2.849557          | SAB  | 2.466585   | Sf         | 3.141.612 | K           | .0677246  | Z    | •0347575   | m       | .0600000    |
| n    | <b>.</b> 1.600000 | gam  | 49.463979  | b-al 2     | 21.099817 | <b>t</b> he | 111.09984 | phi  | 139.46400  | 2-LEVI  | EL THRUST   |
| N    | 2.0000000         | wl   | .2200000   | w2         | .1600000  | w3          | .0600000  | SF   | .1279211   | LFr     | .8490429    |
| PRA. | 1.0669664         | PRB  | 1.0876519  | PRC        | 1.280545  | L           | .1476002  | min  | 1307618    | max     | .2332438    |
| Si   | 2.442467          | SAB* | 2.255630   | Sf         | 3.141612  | K           | .0168384  | z, · | .0856436   | m       | .0600000    |
| n    | .1.600000         | gam  | 49.463979  | b-a.l. 2   | 21.099817 | the         | 111.09984 | phi  | 139.46400  | Z-1.EV  | EL THRUST   |
| •    |                   |      |            |            |           |             |           |      |            |         |             |

Tank Swape

Sperior

| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .0700000                                      | SF                    | .1318998                                      | LFr .9189320   |
|----------------|--|-------------------------|--|--|---------------------|---|-----------------------|---|--|
| PRA            | 1.0699990                                      | PRB                     | 1.0737934                                      | PRC 1.1602290  | L                   | .2018356                                      | min                   | .1366510                                      | max .2291330   |
| Si             | 2.849544                                       | SAB/                    | 2.521667                                       | Sf 3.141610  | K                   | .0651847                                      | z                     | .0272974                                      | m .0700000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 23.577850   | the                 | 113.57787                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N<br>PRA<br>Si | 2.0000000<br>1.0763774<br>2.493358<br>.1600000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0619460<br>2.334545<br>49.463979 | w2 .1600000<br>PRC 1.267207<br>Sf 3.141610<br>b-al 23.577850 | w3<br>L<br>K<br>the | .0700000<br>.1573124<br>.0206615<br>113.57787 | SF<br>min<br>z<br>phi | .1318998<br>.1366510<br>.0718206<br>139.46400 | LFr .8667784<br>max .2291330<br>m .0700000<br>2-LEVEL THRUST |
| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .0800000                                      | SF                    | .1368609                                      | LFr .9329119   |
| PRA            | 1.0799055                                      | PRB                     | 1.0483056                                      | PRC 1.1628641  | L                   | .2050324                                      | min                   | .1420204                                      | max .2245025   |
| Si             | 2.849557                                       | SAB                     | 2.577123                                       | Sf 3.141608  | K                   | .0630119                                      | z                     | .0194701                                      | m .0800000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 26.103603   | the                 | 116.10363                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | SAB                     | .2200000                                       | w2 .1600000  | w3                  | .0800000                                      | SF                    | .1368609                                      | LFr .8845358   |
| PRA            | 1.0855062                                      |                         | 1.0380132                                      | PRC 1.257034   | L                   | .1654549                                      | min                   | .1420204                                      | max .2245025   |
| Si             | 2.532938                                       |                         | 2.407700                                       | Sf 3.141608  | K                   | .0234345                                      | z                     | .0590476                                      | m .0800000   |
| n              | .1600000                                       |                         | 49.463979                                      | b-al 26.103603   | the                 | 116.10363                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | SAB                     | .2200000                                       | w2 .1600000  | w3                  | .0900000                                      | SF                    | .1429148                                      | LFr .9480352   |
| PRA            | 1.0896043                                      |                         | 1.0250484                                      | PRC 1.1641883  | L                   | .2080727                                      | min                   | .1468375                                      | max .2193196   |
| Si             | 2.849555                                       |                         | 2.632597                                       | Sf 3.141608  | K                   | .0612351                                      | z                     | .0112469                                      | m .0900000   |
| n              | .1600000                                       |                         | 49.463979                                      | b-al 28.685166   | the                 | 118.68519                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.000000                                       | SAB                     | .2200000                                       | w2 .1600000  | W3                  | .0900000                                      | SF                    | .1429148                                      | IFr .9026833   |
| PRA            | 1.0944260                                      |                         | 1.0161229                                      | PRC 1.2482124  | L                   | .1724529                                      | min                   | .1468375                                      | max .2193196   |
| Si             | 2.564597                                       |                         | 2.476950                                       | Sf 3.141608  | K                   | .0256154                                      | z                     | .0468667                                      | m .0900000   |
| n              | .1600000                                       |                         | 49.463979                                      | b-al 28.685166   | the                 | 118.68519                                     | phi                   | 139.46400                                     | 2-IEVEL THRUST   |
| N              | 2.0000000                                      | SAB                     | .2200000                                       | w2 .1600000  | w3                  | .1000000                                      | SF                    | .1502638                                      | 1Fr .9644451   |
| PRA            | 1.0990682                                      |                         | 1.0041649                                      | PRC 1.1638981  | L                   | .2109585                                      | min                   | .1510612                                      | max .2135432   |
| Si             | 2.849549                                       |                         | 2.688015                                       | Sf 3.141606  | K                   | .0598974                                      | z                     | .0025847                                      | m .1000000   |
| n              | .1600000                                       |                         | 49.463979                                      | b-al 31.332087   | the                 | 121.33211                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .1000000                                      | SF                    | .1502638                                      | LFr .9215670   |
| PRA            | 1.1032001                                      | PRB                     | .9964564                                       | PRC 1.2395282  | L                   | .1785774                                      | min                   | .1510612                                      | max .2135432   |
| Si             | 2.590501                                       | SAB                     | 2.543531                                       | Sf 3.141606  | K                   | .0275163                                      | z                     | .0349658                                      | m .1000000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 31.332087   | the                 | 121.33211                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .1000000                                      | SF                    | .1502638                                      | LFr .8858347   |
| PRA            | 1.0967642                                      | PRB                     | .9857953                                       | PRC 1.328956   | L                   | .1515923                                      | min                   | .1510612                                      | max .2135432   |
| Si             | 2.374620                                       | SAB                     | 2.398029                                       | Sf 3.141606  | K                   | .0005311                                      | z                     | .0619509                                      | m .1000000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 31.332087   | the                 | 121.33211                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .1100000                                      | SF                    | .1590920                                      | IFr .9414387   |
| PRA            | 1.1118944                                      | PRB                     | .9792208                                       | PRC 1.2300096  | L                   | .1840077                                      | min                   | .1546422                                      | max .2071243   |
| Si             | 2.612083                                       | SAB                     | 2.608330                                       | Sf 3.141605  | K                   | .0293654                                      | z                     | .0231166                                      | m .1100000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 34.055671   | the                 | 124.05569                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .1100000                                      | SF                    | .1590920                                      | IFr .9069023   |
| PRA            | 1.1065813                                      | PRB                     | .9706364                                       | PRC 1.309019   | L                   | .1588917                                      | min                   | .1546422                                      | max .2071243   |
| Si             | 2.411155                                       | SAB                     | 2.472573                                       | Sf 3.141605  | K                   | .0042495                                      | z                     | .0482326                                      | m .1100000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 34.055671   | the                 | 124.05569                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .1200000                                      | SF                    | .1696224                                      | IFr .9625425   |
| PRA            | 1.1205820                                      | PRB                     | .9647541                                       | PRC 1.2186817  | L                   | .1888695                                      | min                   | .1575186                                      | max .2000006   |
| Si             | 2.630356                                       | SAB                     | 2.672052                                       | Sf 3.141606  | K                   | .0313509                                      | z                     | .0111311                                      | m .1200000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 36.869821   | the                 | 126.86984                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                       | w2 .1600000  | w3                  | .1200000                                      | SF                    | .1696224                                      | LFr .9290524   |
| PRA            | 1.1162179                                      | PRB                     | .9578500                                       | PRC 1.288847   | L                   | .1653843                                      | *min                  | .1575186                                      | max .2000006   |
| Si             | 2.442475                                       | SAB                     | 2.544797                                       | Sf 3.141606  | K •                 | .0078657                                      | z                     | .0346163                                      | m .1200000   |
| n              | .1600000                                       | gam                     | 49.463979                                      | b-al 36.869821   | the !               | 126.86984                                     | phi                   | 139.46400                                     | 2-LEVEL THRUST   |

| N<br>PRA<br>S1<br>n | 2.0000000<br>1.1258722<br>2.469612<br>.1600000 | wl<br>PRB<br>SAB<br>gam | •2200000<br>•9482013<br>2•615676<br>49•463979  | PRC<br>Sf | .1600000<br>1.266681<br>3.141605<br>9.791782 | w3<br>L<br>K<br>the | .1300000<br>.1711979<br>.0115859<br>129.79180 | SF<br>min<br>z<br>phi | .1821194<br>.1596120<br>.0208961<br>139.46400 | IFr<br>max<br>m<br>2-IE   | .9525557<br>.1920940<br>.1300000<br>VEL THRUST |
|---------------------|--|-------------------------|--|-----------|--|---------------------|---|-----------------------|---|---------------------------|--|
| PRA<br>Si<br>n      | 2.0000000<br>1.0200000<br>2.849544<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2200000 (<br>1.252037<br>2.215662<br>53.12993 | PRC 1     | .1700000<br>.1324804<br>3.141603<br>1.536790 | w3<br>L<br>K<br>the | .0200000<br>.1927185<br>.0777585<br>101.53681 | SF<br>min<br>z<br>phi | .1441584<br>.1149600<br>.0522425<br>143.12995 | LFr<br>max<br>m<br>2-LE   | .8813753<br>.2449610<br>.0200000<br>VEL THRUST |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1.    | .1700000                                     | w3                  | .0300000                                      | SF                    | .1454315                                      | LFr                       | .8907623                                       |
| PRA                 | 1.0300000                                      | PRB                     | 1.2158327                                      |           | .1392025                                     | L                   | .1967144                                      | min                   | .1226996                                      | max                       | .2427006                                       |
| Si                  | 2.849545                                       | SAB                     | 2.268174                                       |           | 3.141601                                     | K                   | .0740148                                      | z                     | .0459862                                      | m                         | .0300000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | 3.886410                                     | the                 | 103.88643                                     | phi                   | 143.12995                                     | 2-LE                      | VEL THRUST                                     |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1.    | .1700000                                     | w3                  | .0400000                                      | SF                    | .1471663                                      | LFr                       | .9009829                                       |
| PRA                 | 1.0400000                                      | PRB                     | 1.1814987                                      |           | .1454506                                     | L                   | .2005463                                      | min                   | .1300031                                      | max                       | .2400041                                       |
| Si                  | 2.849556                                       | SAB                     | 2.321353                                       |           | 3.141600                                     | K                   | .0705432                                      | z                     | .0394578                                      | m                         | .0400000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | 5.260141                                     | the                 | 106.26016                                     | phi                   | 143.12995                                     | 2-LEV                     | /EL THRUST                                     |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1.    | 1700000                                      | w3                  | .0500000                                      | SF                    | .1496077                                      | LFr                       | .9122114                                       |
| PRA                 | 1.0500000                                      | PRB                     | 1.1490255                                      |           | 1511339                                      | L                   | .2042141                                      | min                   | .1368555                                      | max                       | .2368565                                       |
| Si                  | 2.849553                                       | SAB                     | 2.375175                                       |           | 3.141601                                     | K                   | .0673586                                      | z                     | .0326424                                      | m                         | .0500000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | 3.662906                                     | the                 | 108.66293                                     | phi                   | 143.12995                                     | 2-LEV                     | TEL THRUST                                     |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1     | .1700000                                     | w3                  | .0500000                                      | SF                    | .1496077                                      | LFr                       | .8456946                                       |
| PRA                 | 1.0562650                                      | PRB                     | 1.1296756                                      |           | .306334                                      | L                   | .1448479                                      | min                   | .1368555                                      | max                       | .2368565                                       |
| Si                  | 2.374623                                       | SAB                     | 2.128840                                       |           | .141601                                      | K                   | .0079924                                      | z                     | .0920086                                      | m                         | .0500000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | 8.662906                                     | the                 | 108.66293                                     | phi                   | 143.12995                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1.    | 1700000                                      | w3                  | .0600000                                      | SF                    | .1527252                                      | LFr                       | .9243679                                       |
| PRA                 | 1.0600000                                      | PRB                     | 1.1184118                                      |           | 1561406                                      | L                   | .2077236                                      | min                   | .1432428                                      | max                       | .2332438                                       |
| Si                  | 2.849548                                       | SAB                     | 2.429627                                       |           | 3.141608                                     | K                   | .0644808                                      | z                     | .0255202                                      | m                         | .0600000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | 3.099817                                     | the                 | 111.09984                                     | phi                   | 143.12995                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1     | 1700000                                      | w3                  | .0600000                                      | SF                    | .1527252                                      | LFr .                     | .8647633                                       |
| PRA                 | 1.0661539                                      | PRB                     | 1.1023718                                      |           | .285635                                      | L                   | .1568394                                      | min                   | .1432428                                      | max                       | .2332438                                       |
| Si                  | 2.442474                                       | SAB                     | 2.216696                                       |           | .141608                                      | K                   | .0135966                                      | z                     | .0764044                                      | m                         | .0600000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | .099817                                      | the                 | 111.09984                                     | phi                   | 143.12995                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1.    | 1700000                                      | w3                  | .0700000                                      | SF                    | .1567030                                      | IFr                       | .9375849                                       |
| PRA                 | 1.0699891                                      | PRB                     | 1.0896863                                      |           | 1603210                                      | L                   | .2110748                                      | min                   | .1491320                                      | max                       | .2291330                                       |
| Si                  | 2.849551                                       | SAB                     | 2.484689                                       |           | •141606                                      | K                   | .0619428                                      | z                     | .0180582                                      | m                         | .0700000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | •577850                                      | the                 | 113.57787                                     | phi                   | 143.12995                                     | 2=LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1     | 1700000 •                                    | w3                  | .0700000                                      | SF                    | .1567030                                      | LFr                       | .8831635                                       |
| PRA                 | 1.0755328                                      | PRB                     | 1.0759895                                      |           | .271945                                      | L                   | .1665516                                      | min                   | .1491320                                      | max                       | .2291330                                       |
| Si                  | 2.493365                                       | SAB                     | 2.295489                                       |           | .141606                                      | K                   | .0174196                                      | z                     | .0625814                                      | m                         | .0700000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | .577850                                      | the                 | 113.57787                                     | phi                   | 143.12995                                     | 2-LEV                     | EL THRUST                                      |
| N                   | 2.0000000                                      | wl                      | •2200000                                       | PRC 1.    | 1700000                                      | w3                  | .0800000                                      | SF                    | :1616650                                      | LFr                       | .9519224                                       |
| PRA                 | 1.0798389                                      | PRB                     | 1•0630344                                      |           | 1635225                                      | L                   | .2142697                                      | min                   | .1545015                                      | max                       | .2245025                                       |
| Si                  | 2.849549                                       | SAB                     | 2•539975                                       |           | .141605                                      | K                   | .0597682                                      | z                     | .0102328                                      | m                         | .0800000                                       |
| n                   | .1700000                                       | gam                     | 53•12993                                       |           | .103603                                      | the                 | 116.10363                                     | phi                   | 143.12995                                     | 2-LEV                     | EL THRUST                                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0845921<br>2.532929<br>.1700000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0512410<br>2.368426<br>53.12993  | PRC 1.    | 1700000<br>.261797<br>.141605<br>.103603     | w3<br>L<br>K<br>the | .0800000<br>.1746922<br>.0201907<br>116.10363 | SF<br>min<br>z<br>phi | .1616650<br>.1545015<br>.0498103<br>143.12995 | LFr<br>max<br>m<br>2-LEVE | .9015303<br>.2245025<br>.0800000               |
| N                   | 2.0000000                                      | wl                      | .2200000                                       | PRC 1.    | 1700000                                      | w3                  | .0900000                                      | SF                    | .1677179                                      | LFr                       | .9674263                                       |
| PRA                 | 1.0894510                                      | PRB                     | 1.0386032                                      |           | 1655496                                      | L                   | .2173100                                      | min                   | .1593186                                      | max                       | .2193196                                       |
| Si                  | 2.849546                                       | SAB                     | 2.595201                                       |           | 141604                                       | K                   | .0579914                                      | z                     | .0020096                                      | m                         | .0900000                                       |
| n                   | .1700000                                       | gam                     | 53.12993                                       |           | .685166                                      | the                 | 118.68519                                     | phi                   | 143.12995                                     | 2-LEVE                    | L. THRUST                                      |
|                     |  |                         |  |           |  |                     |   |                       | •   | " -                       |  |

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|----------------|--|-------------------------|---|--|---------------------|---|-----------------------|---|--|
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1700000  | w3                  | .0900000                                      | SF                    | .1677179                                      | 1Fr .9202595   |
| PRA            | 1.0934269                                      | PRB                     | 1.0284140                                     | PRC 1.253290   | L                   | .1816902                                      | min                   | .1593186                                      | max .2193196   |
| Si             | 2.564588                                       | SAB                     | 2.437429                                      | Sf 3.141604  | K                   | .0223716                                      | z                     | .0376294                                      | m .0900000   |
| n              | .1700000                                       | gam                     | 53.12993                                      | b-al 28.685166   | the                 | 118.68519                                     | phi                   | 143.12995                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1700000  | w3                  | .1000000                                      | SF                    | .1750670                                      | LFr .9397135   |
| PRA            | 1.1021126                                      | PRB                     | 1.0076650                                     | PRC 1.2452072  | L                   | .1878166                                      | min                   | .1635422                                      | max .2135432   |
| Si             | 2.590507                                       | SAB                     | 2.503764                                      | Sf 3.141603  | K                   | .0242744                                      | z                     | .0257266                                      | m .1000000   |
| n              | .1700000                                       | gam                     | 53.12993                                      | b-al 31.332087   | the                 | 121.33211                                     | phi                   | 143.12995 •                                   | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1700000  | w3                  | .1100000                                      | SF                    | .1838951                                      | LFr .9601498   |
| PRA            | 1.1107231                                      | PRB                     | .9891252                                      | PRC 1.2366608  | L                   | .1932469                                      | min                   | .1671233                                      | max .2071243   |
| Si             | 2.612089                                       | SAB                     | 2.568321                                      | Sf 3.141602  | K                   | .0261235                                      | z                     | .0138774                                      | m .1100000   |
| n              | .1700000                                       | gam                     | 53.12993                                      | b-al 34.055671   | the                 | 124.05569                                     | phi                   | 143.12995                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1700000  | w3                  | .11.00000                                     | SF                    | • .1838951                                    | LFr .9243336   |
| PRA            | 1.1035762                                      | PRB                     | .9790599                                      | PRC 1.321374   | L                   | .1681309                                      | min                   | .1671233                                      | max .2071243   |
| Si             | 2.411162                                       | SAB                     | 2.428377                                      | Sf 3.141602  | K                   | .0010076                                      | z                     | .0389934                                      | m .1100000   |
| n              | .1700000                                       | gam                     | 53.12993                                      | b-al 34.055671   | the                 | 124.05569                                     | phi                   | 143.12995                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1700000  | w3                  | .1200000                                      | SF                    | .1944256                                      | LFr .9818230   |
| PRA            | 1.1193383                                      | PRB                     | .9729949                                      | PRC 1.2268298  | L                   | .1981068                                      | min                   | .1699997                                      | max .2000006   |
| Si             | 2.630347                                       | SAB                     | 2.631821                                      | Sf 3.141603  | K                   | .0281071                                      | z                     | .0018939                                      | m .1200000   |
| n              | .1700000                                       | gam                     | 53.12993                                      | b-al 36.869821   | the                 | 126.86984                                     | phi                   | 143.12995                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1700000  | w3                  | .1200000                                      | SF                    | .1944256                                      | IFr .9471359   |
| PRA            | 1.1133790                                      | PRB                     | .9648097                                      | PRC 1.302005   | L                   | .1746216                                      | min                   | .1699997                                      | max .2000006   |
| Si             | 2.442466                                       | SAB                     | 2.500904                                      | Sf 3.141603  | K                   | .0046220                                      | z                     | .0253790                                      | m .1200000   |
| n              | .1700000                                       | gam                     | 53.12993                                      | b-al 36.869821   | the                 | 126.86984                                     | phi                   | 143.12995                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1800000  | w3                  | .0200000                                      | SF                    | .1741486                                      | IFr .9009762   |
| PRA            | 1.0200000                                      | PRB                     | 1.275403                                      | PRC 1.1341000  | L                   | .2036457                                      | min                   | .1293138                                      | max .2449610   |
| Si             | 2.849558                                       | SAB                     | 2.171966                                      | Sf 3.141606  | K                   | .0743320                                      | z                     | .0413153                                      | m .0200000   |
| n              | .1800000                                       | gam                     | .57.14000                                     | b-al 11.536790   | the                 | 101.53681                                     | phi                   | 147.14002                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1800000  | w3                  | .0300000                                      | SF                    | .1754208                                      | IFr .9107304   |
| PRA            | 1.0300000                                      | PRB                     | 1.2376571                                     | PRC 1.1410982  | L                   | .2076416                                      | min                   | .1370534                                      | max .2427006   |
| Si             | 2.849558                                       | SAB                     | 2.224478                                      | Sf 3.141605  | K                   | .0705882                                      | z                     | .0350590                                      | m .0300000   |
| n              | .1800000                                       | gam                     | 57.14000                                      | b-al 13.886410   | the                 | 103.88643                                     | phi                   | 147.14002                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1800000  | w3                  | .0400000                                      | SF                    | .1771565                                      | IFr .9213266   |
| PRA            | 1.0400000                                      | PRB                     | 1.2018556                                     | PRC 1.1476567  | L                   | .2114716                                      | min                   | .1443569                                      | max .2400041   |
| Si             | 2.849554                                       | SAB                     | 2.277651                                      | Sf 3.141604  | K                   | .0671147                                      | z                     | .0285325                                      | m .0400000   |
| n              | .1800000                                       | gam                     | 57.14000                                      | b-al 16.260141   | the                 | 106.26016                                     | phi                   | 147.14002                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .22C0000                                      | w2 .1800000  | w3                  | .0500000                                      | SF                    | .1795979                                      | IFr .9329491   |
| PRA            | 1.0500000                                      | PRB                     | 1.1679773                                     | PRC 1.1536843  | L                   | .2151394                                      | min                   | .1512093                                      | max .2368565   |
| Si             | 2.849551                                       | SAB                     | 2.331472                                      | Sf 3.141605  | K                   | .0639302                                      | z                     | .0217171                                      | m .0500000   |
| n              | .1800000                                       | gam                     | 57.14000                                      | b-al 18.662906   | the                 | 108.66293                                     | phi                   | 147.14002                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1800000  | w3                  | .0500000                                      | SF                    | •1795979                                      | LFr .8634091   |
| PRA            | 1.0551423                                      | PRB                     | 1.1449710                                     | PRC 1.317583   | L                   | .1557732                                      | min                   | •1512093                                      | max .2368565   |
| Si             | 2.374622                                       | SAB                     | 2.082471                                      | Sf 3.141605  | K                   | .0045639                                      | z                     | •0810833                                      | m .0500000   |
| n              | .1800000                                       | gam                     | 57.14000                                      | b-al 18.662906   | the                 | 108.66293                                     | phi                   | 147•14002                                     | 2-LEVEL THRUST   |
| N              | 2.0000000                                      | wl                      | .2200000                                      | w2 .1800000  | w3                  | .0600000                                      | SF                    | .1827145                                      | LFr .9455156   |
| PRA            | 1.0600000                                      | PRB                     | 1.1360116                                     | PRC 1.1590792  | L                   | .2186489                                      | min                   | .1575966                                      | max .2332438   |
| Si             | 2.849546                                       | SAB                     | 2.385924                                      | Sf 3.141612  | K                   | .0610523                                      | z                     | .0145949                                      | m .0600000   |
| n              | .1800000                                       | gam                     | 57.14000                                      | b-al 21.099817   | the                 | 111.09984                                     | phi                   | 147.14002                                     | 2-LEVEL THRUST -   |
| N<br>PRA<br>Si | 2.0000000<br>1.0651235<br>2.442472<br>.1800000 | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.1172596<br>2.170476<br>57.14000 | w2 .1800000<br>PRC 1.295518<br>Sf 3.141612<br>b-al 21.099817 | w3<br>L<br>K<br>the | .0600000<br>.1677647<br>.0101681<br>111.09984 | SF<br>min<br>z<br>phi | .1827145<br>.1575966<br>.0654791<br>147.14002 | LFr .8833199<br>max .2332438<br>m .0600000<br>2-LEVEL THRUST |

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| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0699658<br>2.849549<br>.1800000 | PRB 1.            | 2200000<br>1060030<br>2.440920<br>57.14000  | w2<br>PRC<br>Sf<br>b-al   | .1800000<br>1.1637036<br>3.141609<br>23.577850 | w3<br>L<br>K<br>the | .0700000<br>.2220001<br>.0585144<br>113.57787  | SF<br>min<br>• z<br>phi | .1866922<br>.1634858<br>.0071329<br>147.14002  | LFr<br>max<br>m<br>2-LE   | .9591599<br>.2291330<br>.0700000<br>WEL THRUST |
|---------------------|--|-------------------|---|---------------------------|--|---------------------|--|-------------------------|--|---------------------------|--|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0744824<br>2.493363<br>.1800000 | PRB 1.<br>SAB 2   | 2200000<br>0902102<br>2.249168<br>57.14000  | w2<br>PRC<br>Sf<br>b-al   | .1800000<br>1.281210<br>3.141609<br>23.577850  | w3<br>L<br>K<br>the | .0700000<br>.1774769<br>.0139911<br>113.57787  | SF<br>min<br>z<br>phi   | .1866922<br>.1634858<br>.0516561<br>147.14002  | IFr<br>max<br>m<br>2-LEV  | .9024716<br>.2291330<br>.0700000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0834742<br>2.532927<br>.1800000 | PRB 1.            | 2200000<br>.0646661<br>2.321891<br>.7.14000 | • w2<br>PRC<br>Sf<br>b-al | .1800000<br>1.270857<br>3.141608<br>26.103603  | w3<br>L<br>K<br>the | .0800000<br>.1856175<br>.0167622<br>•116.10363 | SF<br>min<br>z<br>phi   | .1916542<br>.1688553<br>.0388850<br>147.14002  | IFr<br>mex<br>m<br>2=LEV  | .9215355<br>.2245025<br>.0800000<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0922218<br>2.564602<br>.1800000 | PRB 1.<br>SAB 2   | 2200000<br>0409506<br>2.390644<br>7.14000   | w2<br>PRC<br>Sf<br>b-al   | .1800000<br>1.262429<br>3.141607<br>28.685166  | w3<br>L<br>K<br>the | .0900000<br>.1926174<br>.0189451<br>118.68519  | SF<br>min<br>z<br>phi   | .1977081<br>.1736724<br>.0267022<br>147.14002  | IFr<br>max<br>m<br>2-LEV  | .9409351<br>.2193196<br>.0900000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.1008148<br>2.590506<br>.1800000 | PRB 1.<br>SAB 2   | 2200000<br>0192116<br>.456700<br>7.14000    | w2<br>PRC<br>Sf<br>b-al   | .1800000<br>1.254687<br>3.141606<br>31.332087  | w3<br>L<br>K<br>the | .1000000<br>.1987419<br>.0208459<br>121.33211  | SF<br>min<br>z<br>phi   | .2050572<br>.1778960<br>.0148013<br>.147.14002 | LFr<br>max<br>m<br>2-LEV  | .9610396<br>.2135432<br>.1000000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849551<br>.1900000 | PRB 1<br>SAB 2    | 2200000<br>•300506<br>•118866<br>1•64228    | w2<br>PRC<br>Sf<br>b_al   | .1900000<br>1.1400811<br>3.141605<br>11.536790 | w3<br>L<br>K<br>the | .0200000<br>.2169190<br>.0707018<br>.101.53681 | SF<br>min<br>z<br>phi   | .2111921<br>.1462172<br>.0280420<br>151.64230  | LFr<br>max<br>m<br>2-LEV  | .9241247<br>.2449610<br>.0200000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849551<br>.1900000 | PRB 1<br>SAB 2    | 2200000<br>•260934<br>•171378<br>1•64228    | w2<br>PRC<br>Sf<br>b-al   | .1900000<br>1.1474233<br>3.141603<br>13.886410 | w3<br>L<br>K<br>the | .0300000<br>.2209149<br>.0669580<br>103.88643  | SF<br>min<br>z<br>phi   | .2124643<br>.1539568<br>.0217858<br>151.64230  | LFr<br>max<br>m<br>2-LEV  | .9343624<br>.2427006<br>.0300000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849547<br>.1900000 | PRB 1.            | 2200000<br>2234107<br>.224550<br>1.64228    | w2<br>PRC<br>Sf<br>b-al   | .1900000<br>1.1543479<br>3.141602<br>16.260141 | w3<br>L<br>K<br>the | .0400000<br>.2247448<br>.0634845<br>106.26016  | SF<br>min<br>z<br>phi   | .2142000<br>.1612603<br>.0152593<br>151.64230  | LFr<br>max<br>m<br>2-LEV  | .9454594<br>.2400041<br>.0400000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849544<br>.1900000 | PRB 1.            | 2200000<br>1879037<br>.278371<br>1.64228    | w2<br>PRC<br>Sf<br>b-al   | .1900000<br>1.1607686<br>3.141603<br>18.662906 | w3<br>L<br>K<br>the | .0500000<br>.2284126<br>.0602999<br>108.66293  | SF<br>min<br>z<br>phi   | .2166414<br>.1681127<br>.0084438<br>151.64230  | LFr<br>max<br>m<br>2-LEV  | •9575958<br>•2368565<br>•0500000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0536773<br>2.374629<br>.1900000 | PRB 1.1<br>SAB 2. | 2200000<br>1.606446<br>.025900<br>1.64228   | w2<br>PRC<br>Sf<br>b-al   | .1900000<br>1.336085<br>3.141603<br>18.662906  | w3<br>L<br>K<br>the | .0500000<br>.1690483<br>.0009356<br>108.66293  | SF<br>min<br>z<br>phi   | .2166414<br>.1681127<br>.0678082<br>151.64230  | LFr<br>max<br>m<br>2-LEVI | .8850346<br>.2368565<br>.0500000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600008<br>2.849554<br>.1900000 | PRB 1.1<br>SAB 2. | 2200000<br>1543904<br>1332833<br>1.64228    | Sf                        | .1900000<br>1.1665837<br>3.141610<br>21.099817 | w3<br>L<br>K<br>the | .0600000<br>.2319241<br>.0574240<br>111.09984  | SF<br>min<br>z<br>phi   | .2197580<br>.1745001<br>.0013197<br>151.64230  | IFr<br>max<br>m<br>2-LEVE | .9706945<br>.2332438<br>.0600000<br>IL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0638076<br>2.442465<br>.1900000 | PRB 1.1<br>SAB 2. | 2200000<br>1325234<br>114161<br>164228      | w2<br>PRC<br>Sf<br>b-al   | .1900000<br>1.312101<br>3.141610<br>21.099817  | w3<br>L<br>K<br>the | .0600000<br>.1810379<br>.0065379<br>111.09984  | SF<br>min<br>z<br>phi   | .2197580<br>.1745001<br>.0522059<br>151.64230  | max<br>m                  | .9059038<br>.2332438<br>.0600000<br>IL THRUST  |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0731669<br>2.493356<br>.1900000 | PRB 1.1<br>SAB 2. | 2200000<br>.047703<br>.192786<br>64228      | w2<br>PRC<br>Sf<br>b-al   | .1900000<br>1.296832<br>3.141608<br>23.577850  | w3<br>L<br>K<br>the | .0700000<br>.1907501<br>.0103609<br>113.57787  | SF<br>min<br>z<br>phi   | .2237368<br>.1803893<br>.0383829<br>151.64230  | LFr<br>max<br>m<br>2-LEVE | .9259262<br>.2291330<br>.0700000<br>CL THRUST  |

THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN

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1 Professional designation

| N<br>PRA<br>S1<br>n  | 2.0000000<br>1.0820970<br>2.532935<br>.1900000 | wl .2200<br>PRB 1.0783<br>SAB 2.265<br>gam 61.64      | 947 PRC 1.286016<br>311 Sf 3.141607   | w3 .080000<br>L .198892<br>K .013133<br>the 116.1036           | 6 min .1857587<br>9 z .0256099                             | LFr .9458103<br>max .2245025<br>m .0800000<br>2-LEVEL THRUST  |
|----------------------|--|---|---------------------------------------|--|--|---|
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849559<br>.2000000 | wl • .2200<br>PRB 1.328<br>SAB 2.051<br>gam 66.92     | 9582 PRC 1.1527843<br>233 Sf 3.141603 | w3 .020000<br>L .233829<br>K .066848<br>the 101.5368           | 5 min .1669814<br>1 z .0111315                             | LFr .9528589<br>max .2449610<br>m .0200000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>2.849559<br>.2000000 | wl .2200<br>PRB 1.286<br>SAB 2.103<br>gem 66.92       | 717 PRC 1.1605799<br>745 Sf 3.141601  | w3 .030000<br>L .237825<br>K .063104<br>the 103.8864           | 4 min .1747210<br>4 z .0048752                             | LFr .9637690<br>max .2427006<br>m .0300000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.000000<br>1.0621088<br>2.1442473<br>.2000000 | wl .2200<br>PRB 1.1486<br>SAB 2.042<br>gam 66.92      | 367 PRC 1.339162<br>379 Sf 3.141608   | w3 .0600000<br>L .19 <b>7</b> 948<br>K .002684<br>the 111.0998 | min .1952643<br>2 z .0352953                               | LFr .9348164<br>max .2332438<br>m .0600000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849556<br>.0400000 | wl .2400<br>PRB .9999<br>SAB 2.393<br>gam 17.718      | 755 PRC 1.523151<br>186 Sf 3.139874   | w3 .0200000<br>L .1483402<br>K .1229237<br>the 102.55570       | min .0254166<br>z .0761687                                 | LFr .7847185<br>max .2245089<br>m .0200000                    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0294209<br>1.899697<br>.0400000 | wl .2400<br>PRB .9968<br>SAB 1.917<br>gam 17.718      | 302 PRC 1.642985<br>156 Sf 3.139874   | W3 .0200000<br>L .0296078<br>K .0041912<br>the 102.55570       | min .0254166<br>z .1949011                                 | ELFr .7484369<br>max .2245089<br>m .0200000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849557<br>.0500000 | wl .2400<br>PRB 1.0163<br>SAB 2.385<br>gam 20.354     | 001 PRC 1.468252<br>123 Sf 3.139196   | w3 .02000000<br>L .1503563<br>K .1214876<br>the 102.55570      | min .0288688<br>z .0741526                                 | LFr .7937584<br>max .2245089<br>m .0200000                    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0292407<br>1.899698<br>.0500000 | wl .24000<br>PRB 1.0142<br>SAB 1.908<br>gam 20.354    | 205 PRC 1.621575<br>751 Sf 3.139196   | w3 .0200000<br>L .0316239<br>K .0027551<br>the 102.55570       | min .0288688<br>z .1928851                                 | IFr .7514296<br>mex .2245089<br>m .0200000<br>2-LEVEL THRUST  |
| .N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>2.849553<br>.0500000 | wl .24000<br>PRB .9941<br>SAB 2.4379<br>gam 20.354    | 128 PRC 1.458448<br>051 Sf 3.138856   | w3 .0300000<br>L .1542721<br>K .1178707<br>the 105.12156       | min .0364014<br>z .0677695                                 | LFr .8033619<br>max .2220416<br>m .0300000                    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0400015<br>2.137166<br>.0500000 | wl .24000<br>PRB .99264<br>SAB 2.0817<br>gam 20.3543  | 199 PRC 1.518953<br>761 Sf 3.138856   | w3 .0300000<br>L .0652237<br>K .0288223<br>the 105.12156       | min .0364014<br>z .1568179                                 | IFr .7670803<br>max .2220416<br>m .0300000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0200000<br>2.849545<br>.0600000 | wl .24000<br>PRB 1.03390<br>SAB 2.3756<br>gam 23.0352 | 956 PRC 1.415769<br>43 Sf 3.138297    | w3 .0200000<br>L .1527233<br>K .1198794<br>the 102.55570       | min .0328439<br>z .0717856                                 | 1Fr .8030634<br>max .2245089<br>m .0200000                    |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0289959<br>1.899701<br>.0600000 | PRB 1.03227<br>SAB 1.8988<br>gam 23.0352              | 736 PRC 1.601095<br>813 Sf 3.138297   | w3 .0200000<br>L .0339928<br>K .0011489<br>the 102.55570       | SF .0133200<br>min .0328439<br>z .1905161<br>phi 113.03531 | LFr .7546883<br>max .2245089<br>m .0200000<br>2-LEVEL THRUST  |
| N<br>PRA<br>Si<br>n  | 2.0000000<br>1.0300000<br>2.849556<br>.0600000 | wl .24000<br>PRB 1.00934<br>SAB 2.4284<br>gam 23.0352 | 89 PRC 1.409605<br>79 Sf 3.137957     | w3 .0300000<br>L .1566410<br>K .1162644<br>the 105.12156       | SF .0147171<br>min .0403766<br>z .0654006<br>phi 113.03531 | IFr .8126030<br>max .2220416<br>m .0300000                    |

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|           |                        |            |                       |                               | 0        |                       |          |                       |            |                       |
|-----------|------------------------|------------|-----------------------|-------------------------------|----------|-----------------------|----------|-----------------------|------------|-----------------------|
| N         | 2.0000000              | W]         | .2400000              | w2 .0600000                   | w3       | .030000@              | SF       | .0147171              | LFr        | •7717867              |
| PRA       |                        | PRB        | 1.0094676             | PRC 1.500048                  | L        | .0675926              | min      |                       | max        | .2220416              |
| Si.       | 2.137169               | SAB        | 2.072285<br>23.035286 | Sf 3.137957<br>b-al 15.121537 | K<br>the | .0272160<br>105.12156 | z<br>phi | .1544490<br>113.03531 | m<br>2-T.E | O300000<br>VEL THRUST |
| n         | .0600000               | gam        | 2).0))200             | 0-41 1/4121//                 | 41.0     | 20/6222/0             | F        | 22.27.02772           |            |                       |
| N         | 2.0000000              | wl         | .2400000              | w2 .0600000                   | w3       | .0400000              | SF       | .0166407              | LFr        | .8228560              |
| PRA       | 1.0400000              | PRB        | .9888437              | PRC 1.399080                  | L        | .1603794              | min      |                       | max        | .2190922              |
| Si        | 2.849556               | SAB        | 2.482021              | Sf 3.137467                   | K        | .1129523              | Z        | .05871.27             | m          | •0400000              |
| n         | •0600000               | gam        | 23.035286             | b-al 17.718849                | the      | 1.07.71.887           | phi      | 113.03531             |            |                       |
| N         | 2.0000000              | wl         | .2400000              | w2 .0600000                   | w3       | .0400000              | SF       | .0166407              | LFr        | .7865734              |
| PRA       | 1.0500000              | PRB        | .9871649              | PRC 1.446595                  | L        | .0891400              | min      | .0474272              | max        | .2190922              |
| Si        | 2.279640               | SAB        | 2.197063              | Sf • 3.137467                 | K        | .0417128              | z        | .1299522              | m          | .0400000              |
| n ·       | .0600000               | gam        | 23.035286             | b-al 17.718849                | the      | 107.71887             | phi      | 113.03531             | 2-LE       | VEL THRUST            |
| N         | 2 0000000              | ••1        | . 2400000             | w2 .0700000                   | w3       | .0200000              | SF       | .01.77469             | LFr        | .81.26907             |
| PRA       | 2.0000000<br>1.0200000 | wl.<br>PRB | 1.0522715             | PRC 1.366455                  | L        | .1554852              | min      | .0373820              | max        | 2245089               |
| Si        | 2.849558               | SAB        | 2.364609              | Sf 3.137104                   | K        | .1181031              | Z        | .0690238              | m          | .0200000              |
| n         | .0700000               | gam        | 25.771112             | b-al 12.555675                | the      | 102.55570             | phi      | 115.77113             |            |                       |
|           |                        |            |                       |                               |          |                       | _        |                       |            | 00000001              |
| N         | 2.0000000              | MJ         | .2400000              | w2 .0700000                   | w3       | .0300000              | SF       | .0191450<br>.0449147  | LFr        | .8221874<br>.2220416  |
| PRA<br>Si | 1.0300000<br>2.849554  | PRB<br>SAB | 1.0260874<br>2.417437 | PRC 1.362296<br>Sf 3.136764   | K        | •1594009<br>•1144862  | min<br>z | .0626407              | max        | .0300000              |
| n         | .0700000               | gam        | 25.771112             | b-al 15.121537                | the      | 105.12156             | phi      | 115.77113             | 314        | •0,00000              |
| **        | •0100000               | Ect.       | C) •     1111C        | 0-un 1)•111/)                 | One      |                       | PILL     | ##J• (   ##J          |            |                       |
| N         | 2.0000000              | wl         | .2400000              | w2 .0700000                   | w3       | .0300000              | SF       | .0191450              | LFr        | <b>.7</b> 768355      |
| PRA       | 1.0399935              | PRB        | 1.0274515             | PRC 1.481134                  | L        | .0703526              | min      | .04493.47             | max        | .2220416              |
| Si        | 2.137167               | SAB        | 2.061229              | Sf 3.136764                   | K        | .0254378              | Z        | .1516890              | m<br>O TE  | .0300000              |
| n         | .0700000               | gem        | 25.771112             | b-al 15.121537                | the      | 105.12156             | phi      | 115.77113             | ا ئلدا = 2 | VEL THRUST            |
| N         | 2,0000000              | wl         | .2400000              | w2 .0700000                   | w3       | .0400000              | SF       | .0210676              | LFr        | .8324108              |
| PRA       | 1.0400000              | PRB        | 1.0029667             | PRC 1.355574                  | L        | .1631394              | min      | .0519653              | max        | .2190922              |
| Si        | 2.849554               | SAB        | 2.470979              | Sf 3.136274                   | K        | .1111741              | Z        | .0559528              | m          | .0400000              |
| n         | .0700000               | gam        | 25.771112             | b-al 17.718849                | the      | 107.71887             | phi      | 115.77113             |            |                       |
| N         | 2.0000000              | wl         | . 2400000             | w2 .0700000                   | w3       | .0400000              | SF       | .0210676              | LFr        | .7925005              |
| PRA       | 1.050001.7             | PRB        | 1.0024892             | PRC 1.431131                  | L        | .0918999              | min      | .0519653              | max        | .2190922              |
| Si        | 2.279638               | SAB        | 2.186024              | Sf 3.136274                   | K        | •0399346              | Z        | .1271923              | m          | .0400000              |
| n         | •0700000               | gam        | 25.771112             | b-al 17.718849                | the      | 107.71887             | phi      | 115.77113             | S-TEA      | EI. THRUST            |
| N         | 2.0000000              | wl         | .2400000              | w2 .0700000                   | w3       | •0500000              | SF       | .0237570              | LFr        | .8435288              |
| PRA       | 1.0500000              | PRB        | .9839984              | PRC 1.344566                  | L        | .1667023              | min      | .0585132              | max        | .2156400              |
| Si        | 2.849547               | SAB        | 2.525216              | Sf 3.135597                   | K        | .1081891              | Z        | .0489378              | m          | •0500000              |
| n         | .0700000               | gam        | 25.771112             | b-al 20.354385                | the      | 11.0.35441            | phi      | 115.77113             |            |                       |
| N         | 2.0000000              | wl         | .2400000              | v2 .0700000                   | wž       | .0500000              | SF       | .0237570              | LFr        | .8072481              |
| PRA       | 1.0600015              | PRB        | .9820552              | PRC 1.395640                  | L        | .1073380              | min      | .0585132              | max        | .2156400              |
| Si        | 2.374632               | SAB        | 2.287762              | Sf 3.135597                   | K        | .0488248              | Z        | .1083021              | m          | .0500000              |
| n         | •0700000               | gam        | 25.771112             | b-al 20.354385                | •the     | 110.35441             | phi      | 115.77113             | 2-LEV      | EL THRUST             |
| N         | 2,0000000              | wl         | .2400000              | w2 .0700000·                  | w3       | .0500000              | SF       | .0237570              | LFr        | .7813330              |
| PRA       | 1.0650750              | PRB        | .9754874              | PRC 1.524768                  | L        | .0649338              | min      | .0585132              | max        | .2156400              |
| Si,       | 2.035399               | SAB        | 2.108117              | Sf 3.135597                   | K        | .0064206              | Z        | .1507062              | m          | .0500000              |
| n         | .0700000               | gam        | 25.771112             | b-al 20.354385                | the      | 110.35441             | phi      | 115.77113             | 2-LEV      | EL THRUST             |
| N         | 2.0000000              | wl         | .2400000              | w2 .0800000                   | w3       | .0200000              | SF       | .0232878              | LFr        | .8227034              |
| PRA       | 1.0200000              | PRB        | 1.0711965             | PRC 1.320416                  | L        | .1586742              | min      | .0425161              | max        | .2245089              |
| Si        | 2.849568               | SAB        | 2.351862              | Sf 3:135557                   | K        | .1161582              | Z        | .0658347              | m          | .0200000              |
| n         | •0800000               | gam        | 28.571587             | b-al 12.555675                | the      | 102.55570             | phi      | 118.57161             |            |                       |
| N         | 2.0000000              | wl         | . 2400000             | w2 .0800000                   | w3       | .0300000              | SF       | .0246859              | LFr        | .8321772              |
| PRA       | 1.0300000              |            | 1.0437403             | PRC 1.317481                  | L        | .1625881              | min      | .0500488              | max        | .2220416              |
| Si        |                        | · SAB      | 2.404682              | Sf 3.135217                   | K        | •1125394              | Z        | •0594535              | m          | .0300000              |
| n         | .0800000               | gam        | 28.571587             | b-al 15.121537                | the      | 105.12156             | phi      | 118.57161             |            |                       |
|           |                        |            |                       |                               |          |                       |          |                       |            |                       |

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| N                   | 2.0000000  | wl .2400000   | w2 .0800000  | w3 .0300000  | SF .0246859  | IFr .7822895                               |
|---------------------|--|---|--|--|--|--|
| PRA                 | 1.0399778  | PRB 1.0458318   | PRC 1.463465   | L .0735397   | min .0500488   | max .2220416                               |
| Si                  | 2.137161   | SAB 2.048441  | Sf 3.135217  | K .0234910   | z .1485019   | m .0300000                                 |
| n                   | .0800000   | gem 28.571587   | b-al 15.121537   | the 105.12156  | phi 118.57161  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si      | 2.0000000<br>1.0400000<br>2.849548<br>.0800000   | wl .2400000<br>PRB 1.0188488<br>SAB 2.458224<br>gam 28.571587 | w2 0800000<br>PRC 1.312892<br>Sf 3.134727<br>b-al 17.718849  | w3 .0400000<br>L .1663265<br>K .1092272<br>the 107.71887 | SF .0266085<br>min .0570993<br>z .0527656<br>phi 118.57161 | IFr .8423939<br>max .2190922<br>m .0400000 |
| N                   | 2.0000000  | wl .2400000   | w2 .0800000  | w3 .0400000  | SF .0266085  | LFr .7988567                               |
| PRA                 | 1.0500010  | PRB 1.0193060   | PRC 1.415078   | L .0950890   | min .0570993   | max .2190922                               |
| Si                  | 2.279647   | SAB 2.173276  | Sf 3.134727  | K .0379897   | z .1240032   | m .0400000                                 |
| n                   | .0800000   | gem 28.571587   | b-al 17.718849   | the 107.71887  | phi 118.57161  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0500000<br>2.849556<br>.0800000   | wl .2400000<br>PRB .9970749.<br>SAB 2.512469<br>gem 28.571587 | w2 .0800000<br>PRC 1.305776<br>Sf 3.134050 b-al 20.354385    | w3 .0500000<br>L .1698914<br>K .1062442<br>the 110.35441 | SF .0292978<br>min .0636472<br>z .0457487<br>phi 118.57161 | IFr .8535252<br>max .2156400<br>m .0500000 |
| N                   | 2.0000000  | wl .2400000   | w2 .0800000  | w3 .0500000  | SF .0292978  | IFr .8142195                               |
| PRA                 | 1.0600003  | PRB .9958531  | PRC 1.383338   | L .1105251   | min .0636472   | max .2156400                               |
| Si                  | 2.374626   | SAB 2.275004  | Sf 3.134050  | K .0468780   | z .1051149   | m .0500000                                 |
| n                   | .0800000   | gam 28.571587   | b-al 20.354385   | the 110.35441  | phi 118.57161  | 2-IEVEL THRUST                             |
| N                   | 2.0000000  | v1 .2400000   | w2 .0800000  | w3 .0500000  | SF .0292978  | IFr .7861443                               |
| PRA                 | 1.0642944  | PRB .9872862  | PRC 1.516119   | L .0681210   | min .0636472   | max .2156400                               |
| Si                  | 2.035393   | SAB 2.093773  | Sf 3.134050  | K .0044738   | z .1475191   | m .0500000                                 |
| n                   | .0800000   | gam 28.571587   | b-al 20.354385   | the 110.35441  | phi 118.57161  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0600000<br>2.849555<br>.0800000   | wl .2400000<br>PRB .9795406<br>SAB 2.567390<br>gam 28.571587  | w2 .0800000<br>PRC 1.294470<br>Sf 3.133150<br>b-al 23.035286 | w3 .0600000<br>L .1732845<br>K .1036125<br>the 113.03531 | SF .0327568<br>min .0696720<br>z .0383803<br>phi 118.57161 | 1Fr .8654947<br>max .2116649<br>m .0600000 |
| N                   | 2.0000000  | vl .2400000   | w2 .0800000  | w3 .0600000  | SF0327568  | .LFr .8292122                              |
| PRA                 | 1.0699889  | PRB .9773057  | PRC 1.356241   | L .1223984   | min .0696720   | max .2116649                               |
| Si                  | 2.442466   | SAB 2.363817  | Sf 3.133150  | K .0527264   | z .0892665   | m .0600000                                 |
| n                   | .0800000   | gam 28.571587   | b-al 23.035286   | the 113.03531  | phi 118.57161  | 2-LEVEL THRUST                             |
| N                   | 2.0000000  | wl .2400000   | w2 .0800000.   | w3 .0600000  | SF .0327568  | LFr .8020020                               |
| PRA                 | 1.0758991  | PRB .9716942  | PRC 1.464027   | L .0842362   | min .0696720   | max .2116649                               |
| Si                  | 2.137168   | SAB 2.202432  | Sf 3.133150  | K .0145641   | z .1274287   | m .0600000                                 |
| n                   | .0800000   | gam 28.571587   | b-al 23.035286   | the 113.03531  | phi 118.57161  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849544<br>.0900000   | wl .2400000<br>PRB 1.0906126<br>SAB 2.337197<br>gam 31.448751 | w2 .0900000<br>PRC 1.277545<br>Sf 3.133575<br>b-al 12.555675 | w3 .0200000<br>L .1623345<br>K .1140417<br>the 102.55570 | SF .0301171<br>min .0482928<br>z .0621745<br>phi 121.44877 | LFr .8331738<br>max .2245089<br>m .0200000 |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0300000<br>. 2.849554<br>.0900000 | wl2400000<br>PRB 1.0620582<br>SAB 2.390033<br>gam 31.448751   | w2 .0900000<br>PRC 1.275411<br>Sf 3.133235<br>b-al 15.121537 | w3 .0300000<br>L .1662521<br>K .1104267<br>the 105.12156 | SF .0315142<br>min .0558255<br>z .0557895<br>phi 121.44877 | IFr .8426514<br>max .2220416<br>m .0300000 |
| N                   | 2.0000000  | wl .2400000   | w2 .0900000  | w3 .0300000  | SF .0315142  | LFr .7882290                               |
| PRA                 | 1.0399456  | PRB 1.0642790   | PRC 1.447590   | L .0772038   | min .0558255   | max .2220416                               |
| Si                  | 2.137167   | SAB 2.033723  | Sf 3.133235  | K .0213783   | z .1448378   | m .0300000                                 |
| n                   | .0900000   | gam 31.448751   | b-al 15.121537   | the 1.05.12156   | phi 121.44877  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849554<br>.0900000   | wl .2400000<br>PRB 1.0357893<br>SAB 2.443574<br>gem 31.448751 | w2 .0900000<br>PRC 1.272145<br>Sf 3.132745<br>b-al 17.718849 | w3 .0400000<br>L .1699906<br>K .1071145<br>the 107.71887 | SF .0334377<br>min .0628760<br>z .0491016<br>phi 121.44877 | LFr .8528362<br>max .2190922<br>m .0400000 |

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| N<br>PRA<br>S <b>i</b><br>n | 2.0000000<br>1.0499974<br>2.279639<br>.0900000 | wl .2400000<br>PRB 1.0367628<br>SAB 2.158610<br>gam 31.448751    | PRC 1.399818<br>Sf 3.132745                                    | w3<br>L<br>K<br>o the | .0400000<br>.0987511<br>.0358751<br>107.71887  | SF<br>min<br>z<br>phi | .1203411                                      | IFr<br>max<br>m<br>2-LE   | .8057194<br>.2190922<br>.0400000<br>VEL THRUST |
|-----------------------------|--|--|--|-----------------------|--|-----------------------|---|---------------------------|--|
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0500000<br>2.849547<br>.0900000 | wl2400000<br>PRB 1.0121200<br>SAB 2.49781.1<br>gam 31.448751     | w2 .0900000 PRC 1.267240 Sf 3.132068 b-al 20.354385            | w3<br>L<br>K<br>the   | .0500000<br>.1735535<br>.1041296<br>110.35441  | SF<br>min<br>z<br>phi | .0361271<br>.0694239<br>.0420866<br>121.44877 | LFr<br>max<br>m           | .8640509<br>.2156400<br>.0500000               |
| N<br>PRA<br>Si<br>n         | 2.0000000 · 1.0599955<br>2.374618 .0900000     | • wl .2400000<br>PRB 1.0113714<br>SAB .2.260335<br>gam 31.448751 | w2 .0900000<br>PRC 1.370085<br>Sf 3.132068<br>b-al 20.354385   | w3<br>L<br>K<br>the   | .0500000<br>.1141873<br>.0447634<br>110.35441  | SF<br>min<br>z<br>phi | .0361271<br>.0694239<br>.1014528<br>121.44877 | LFr<br>max<br>m<br>2-LE   | .8217220<br>.2156400<br>.0500000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0633381<br>2.035384<br>.0900000 | wl .2400000<br>PRB 1.0006590<br>SAB 2.077169<br>gam 31.448751    | w2 .0900000<br>PRC 1.506861<br>Sf 3.132068<br>b-al 20.354385   | w3<br>L<br>K<br>.the  | .0500000<br>·.0717831<br>.0023592<br>110.35441 | SF<br>min<br>z<br>phi | .0361271<br>.0694239<br>.1438570<br>121.44877 | IFr<br>max<br>m<br>2-LE   | .7914867<br>.2156400<br>.0500000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0600000<br>2.849546<br>.0900000 | wl .2400000<br>PRB .9916070<br>SAB 2.552733<br>gam 31.448751     | w2 .0900000<br>PRC 1.259867<br>Sf 3.131168<br>b-al 23.035286   | w3<br>L<br>K<br>the   | .0600000<br>.1769466<br>.1014979<br>113.03531  | SF<br>min<br>z<br>phi | .0395861<br>.0754487<br>.0347182<br>121.44877 | LFr<br>max<br>m           | .8760729<br>.2116649<br>.0600000               |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0699736<br>2.442472<br>.0900000 | wl .2400000<br>PRB .9896421<br>SAB 2.349131<br>gam 31.448751     | w2 .0900000<br>PRC 1.346855<br>Sf 3.131168<br>b-al 23.035286   | w3<br>L<br>K<br>the   | .0600000<br>.1260624<br>.0506137<br>113.03531  | SF<br>min<br>z<br>phi | .0395861<br>.0754487<br>.0856025<br>121.44877 | LFr<br>max<br>m<br>2-LEV  | .8372002<br>.2116649<br>.0600000<br>/EL THRUST |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0752346<br>2.137159<br>.0900000 | wl .2400000<br>PRB .9824764<br>SAB 2.186354<br>gam 31.448751     | w2 .0900000<br>PRC 1.457685<br>Sf 3.131168<br>b-al 23.035286   | w3<br>L<br>K<br>the   | .0600000<br>.0878983<br>.0124495<br>113.03531  | SF<br>min<br>z<br>phi | .0395861<br>.0754487<br>.1237666<br>121.44877 | LFr<br>max<br>m<br>2-LEV  | .8080454<br>.2116649<br>.0600000<br>ÆL THRUST  |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0700000<br>2.849557<br>.0900000 | wl .2400000<br>PRB .9754114<br>SAB 2.608346<br>gem 31.448751     | w2 .0900000<br>PRC 1.2484087<br>Sf 3.129975<br>b-al 25.771112  | w3<br>L'<br>K         | .0700000<br>.1801701<br>.0992595<br>115.77113  | SF<br>min<br>z<br>phi | .0440092<br>.0809106<br>.0269566<br>121.44877 | LFr<br>max<br>m           | .8890820<br>.2071267<br>.0700000               |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0799055<br>2.493356<br>.0900000 | wl .2400000<br>PRB .9728357<br>SAB 2.430009<br>gam 31.448751     | w2 .0900000<br>PRC 1.324017<br>Sf 3.129975<br>b-al 25.771112   | w3<br>L<br>K<br>the   | .0700000<br>.1356449<br>.0547343<br>115.77113  | SF<br>min<br>z<br>phi | .0440092<br>.0809106<br>.0714818<br>121.44877 | LFr<br>max<br>m<br>2-LEV  | .8527994<br>.2071267<br>.0700000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0857721<br>2.216317<br>.0900000 | wl .2400000<br>PRB .9677436<br>SAB 2.282355<br>gam 31.448751     | w2 .0900000<br>PRC 1.417090<br>Sf 3.129975<br>b-al 25.771112   | w3<br>L<br>K<br>the   | .0700000<br>.1010151<br>.0201045<br>115.77113  | SF<br>min<br>z<br>phi | .0440092<br>.0809106<br>.1061116<br>121.44877 | LFr<br>max<br>m<br>2-LEV  | .8245802<br>.2071267<br>.0700000<br>EL THRUST  |
| N<br>PRA<br>Si<br>n         | 2.0000000<br>1.0200000<br>2.849551<br>.1000000 | vi .2400000<br>PRB 1.1105165<br>SAB ·2.320412<br>gam 34.417214   | w2 .1000000<br>PRC 1.2376597<br>Sf 3.131043.<br>b-al 12.555675 | w3<br>L<br>K<br>the   | .0200000<br>.1665325<br>.1117616<br>102.55570  | SF<br>min<br>z<br>phi | .0384417<br>.0547709<br>.0579764<br>124.41724 | IFr<br>max<br>m           | .8441954<br>.2245089<br>.0200000               |
| N<br>PRA<br>Si              | 2.0000000<br>1.0300000<br>2.849547<br>.1000000 | wl .2400000<br>PRB 1.0809514<br>SAB 2.373240<br>gam 34.417214    | w2 .1000000<br>PRC 1.2360745<br>Sf 3.130703<br>b-al 15.121537  | w3<br>L<br>K<br>the   | .0300000<br>.1704483<br>.1081447<br>105.12156  | SF<br>min<br>z<br>phi | .0398388<br>.0623036<br>.0515933<br>124.41724 | LFr<br>max<br>m           | .8537016<br>.2220416<br>.0300000               |
| N                           | 2.0000000<br>1.0398877<br>2.137160<br>.1000000 | wl .2400000<br>PRB 1.0826457<br>SAB 2.016806<br>gam 34.417214    | w2 .1000000<br>PRC 1.433809<br>Sf 3.130703<br>b-al 15.121537.  | w3<br>L<br>K<br>the   | .0300000<br>.0813999<br>.0190963<br>105.12156  | SF<br>min<br>z<br>phi | .0398388<br>.0623036<br>.1406417<br>124.41724 | IFr<br>max<br>m<br>2-LEVE | .7947445<br>.2220416<br>.0300000<br>IL THRUST  |

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| N         | 2.0000000                               | wl         | 2400000               | w2 .1000000                   | w3         | .0400000              | SF         | .0417624              | LFr .8639813                 |  |
|-----------|---|------------|-----------------------|-------------------------------|------------|-----------------------|------------|-----------------------|------------------------------|--|
| PRA       | 1.0400000                               | PRB        | 1.0535032             | PRC 1.2336826                 | L          | .1741867              | min        | .0693541              | max .2190922                 |  |
| Si        | 2.849547                                | SAB        | 2.426782              | Sf 3.130213                   | K          | .1048326              | Z          | .0449054              | m •0400000                   |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 17.718849                | the        | 107.71887             | phi        | 124.41724             |                              |  |
| M         | 0.000000                                | ••1        | .2400000              | w2 .1000000                   | w3         | •0400000              | SF         | .0417624              | LFr .8131886                 |  |
| N<br>PRA  | 2.0000000<br>1.0499858                  | wl<br>PRB  | 1.0544928             | PRC 1.385963                  | L          | .1029492              | min        | .0693541              | max .2190922                 |  |
| Si        | 2.279646                                | SAB        | 2.141800              | Sf 3.130213                   | K          | .0335950              | Z          | .1161430              | m .0400000                   |  |
| n         | 1000000                                 | gem        | 34.417214             | b-al 17.718849                | the        | 107.71887             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
| ,         |   |            |                       |                               |            |                       |            |                       |                              |  |
| N         | 2.0000000                               | wl         | .2400000              | w2 .1000000                   | w3         | .0500000              | SF         | ·0444517              | IFr .8752089                 |  |
| PRA       | 1.0500000                               | PRB        | 1.0283596             | PRC 1.2301686                 | L          | .1777516              | min        | •0759020              | max .2156400                 |  |
| Si        | 2.849555                                | SAB        | 2.481027              | Sf 3.129536<br>b-al 20.354385 | K<br>the   | .1018496<br>110.35441 | z .<br>phi | .0378885<br>124.41724 | m .0500000                   |  |
| n         | .1000000                                | gam .      | 34.417214             | 0-all 20.554505               | uie        | 110.00                | DITT       | 154.41154             | 1000                         |  |
| N .       | 2.0000000                               | wl         | .2400000              | w2 .1000000                   | w3         | .0500000              | SF         | .0444517              | LFr .8298569                 |  |
| PRA       | 1.0599829                               | PRB        | 1.0277019             | PRC 1.357321                  | L          | .1183853              | min        | .0759020              | max .2156400                 |  |
| Si        | 2.374625                                | SAB        | 2.243521              | Sf 3.129536                   | K          | .0424833              | z          | .0972547              | m .0500000                   |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 20.354385                | the        | 110.35441             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
| N         | 2,0000000                               | wl         | .2400000              | w2 .1000000                   | w3         | .0500000              | SF         | .0444517              | LFr .7974625                 |  |
| PRA       | 1.0621644                               | PRB        | 1.0146371             | PRC 1.498734                  | L          | .0759811              | min        | .0759020              | max .2156400                 |  |
| Si        | 2.035392                                | SAB        | 2.057996              | Sf 3.129536                   | K          | .0000791              | Z          | .1396589              | m .0500000°                  |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 20.354385                | the        | 110.35441             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
| N         | 2,0000000                               | wl         | .2400000              | w2 .1000000                   | w3         | .0600000              | SF         | .0479107              | LFr .8873110                 |  |
| PRA       | 1.0600000                               | PRB        | 1.0058400             | PRC 1.2265517                 | L          | .1811447              | min        | .0819269              | max .2116649                 |  |
| Si        | 2.849554                                | SAB        | 2.535948              | Sf 3.128637                   | K          | .0992179              | Z          | .0305201              | m .0600000                   |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 23.035286                | the        | 113.03531             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
|           | • | •          | olyoppoo              | 0 1000000                     | •          | •0600000              | SF         | .0479107              | LFr .8458452                 |  |
| N<br>PRA  | 2.0000000<br>1.0699479                  | wl<br>PRB  | .2400000<br>1.0038888 | w2 .1000000<br>PRC 1.336256   | w3<br>L    | .1302586              | min'       | .0819269              | max .2116649                 |  |
| Si ·      | 2.442464                                | SAB        | 2.332275              | Sf 3.128637                   | K          | .0483317              | Z          | .0814063              | m .0600000                   |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 23.035286                | the        | 113.03531             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
| N         | 0.000000                                | **1        | . 2400000             | w2 .1000000                   | w3         | •0600000              | SF         | •0479107              | IFr .8147478                 |  |
| N<br>PRA  | 2.0000000<br>1.0744272                  | wl<br>PRB  | •9950861              | PRC 1.450328                  | L          | .0920963              | min        | .0819269              | max 2116649                  |  |
| Si        | 2.137167                                | SAB        | 2.167845              | Sf 3.128637                   | K          | .0101695              | Z          | .1195685              | m .0600000                   |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 23.035286                | the        | 113.03531             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
| NT.       | 0.000000                                | 7          | .2400000              | w2 _1000000                   | w3         | •0700000              | SF         | .0523338              | IFr .9004173                 |  |
| N<br>PRA  | 2.0000000                               | wl<br>PRB  | .9865138              | PRC 1.2232808                 | L          | 1843662               | min        | .0873887              | max .2071267                 |  |
| Si        | 2.849549                                | SAB        | 2.591553              | Sf 3.127444                   | ĸ          | .0969776              | Z          | .0227605              | m .0700000                   |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 25.771112                | the        | 115.77113             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
|           |   |            |                       |                               | ~•         |                       | ~          | 0507770               | TT:- 0619600                 |  |
| N         | 2.0000000                               | W]         | .2400000              | w2 .1000000<br>PRC 1.317376   | w3°        | .0700000              | SF         | .0523338<br>.0873887  | LFr .8618698<br>max .2071267 |  |
| PRA Si    | 1.0798549<br>2.493363                   | PRB<br>SAB | .9837949<br>2.413099  | PRC 1.317376<br>Sf 3.127444   | L<br>K     | .1398430<br>.0524543  | min<br>z   | .0672837              | m •0700000                   |  |
| n         | •1000000                                | gam        | 34.417214             | b-al 25.771112                | the        | 115.77113             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
|           | •                                       | Q ·        |                       |                               |            |                       |            |                       | 0- 00-1                      |  |
| N         | 2.0000000                               | wl         | • 5/100000            | w2 .1000000                   | w3         | .0700000              | SF         | .0523338              | LFr .8318854                 |  |
| PRA<br>Si | 1.085101.4<br>2.216309                  | PRB<br>SAB | .9773778<br>2.264075  | PRC 1.413306<br>Sf 3.127444   | L<br>K     | .1052113              | min<br>z   | .0873887<br>.1019154  | max .2071267<br>m .0700000   |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 25.771112                | the        | 115.77113             | phi        | 124.41724             | 2-LEVEL THRUST               |  |
| ••        | • 100000                                | Som        | J-TO TAIGHT           | n-m c/•  111c                 | OTIC       | /•  /                 | D.1.1      |                       |                              |  |
| N         | 2.0000000                               | wl         | .2400000              | w2 .1000000                   | w3         | .0800000              | SF         | .0578814              | LFr .9145994                 |  |
| PRA       | 1.0800000                               | PRB        | .9715688              | PRC 1.2150961                 | L          | .1874199              | rin        | 0922547               | max .2019927                 |  |
| Si<br>n   | 2.849547                                | SAB        | 2.647832<br>34.417214 | Sf 3.125897<br>b-al 28.571587 | K<br>the   | .0951652<br>118.57161 | z<br>phi   | .0145728<br>124.41724 | m .0800000<br>2-level Thrust |  |
| n         | .1000000                                | gam        | 74•471274             | U-a1 20.7/170/                | OHE        | TTO • >   TOT         | PILL       | ±≒∓∉∓↓∣⊆ <del>Т</del> |                              |  |
| N         | 2.0000000                               | wl         | .2400000              | w2 .1000000                   | <b>w</b> 3 | .0800000              | SF         | .0578814              | LFr .8783178                 |  |
| PRA       | 1.0896782                               | PRB        | .9686138              | PRC 1.296733                  | L.·        | .1478424              | min        | .0922547              | max .2019927                 |  |
| Si        | 2.532927                                | SAB        | 2.488706              | Sf 3.125897                   | K          | .0555877              | Z          | .0541503              | m .0800000<br>2-level Thrust |  |
| n         | .1000000                                | gam        | 34.417214             | b-al 28.571587                | the        | 118.57161             | phi        | 124.41724             | <-irArr luknol.              |  |

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|                 | 0.000  | 7138                    |   |   |                     |   |                       |   |  |
|-----------------|--|-------------------------|---|---|---------------------|---|-----------------------|---|--|
| N               | 2.0000000                                      | wl                      | 2,351814  | w2 .1000000   | w3                  | .0800000                                      | SF                    | .057881.4                                     | IFr .8492918   |
| PRA             | 1.0951488                                      | PRB                     |   | PRC 1.378968  | L                   | .1161804                                      | min                   | .0922547                                      | max .2019927   |
| Si              | 2.279631                                       | SAB                     |   | Sf 3.125897   | K                   | .0239258                                      | z                     | .0858123                                      | m .0800000   |
| n               | .1000000                                       | gem                     |   | b-al 28.571587  | the                 | 118.57161                                     | phi                   | 124.41724                                     | 2-LEVEL THRUST   |
| N<br>PRA<br>Si  | 2.0000000<br>1.0200000<br>2.849549<br>.1100000 | wl<br>PRB<br>SAB<br>gam | 1.1309476<br>2.301192                           | w2 .1100000<br>PRC 1.2018382<br>Sf 3.127817<br>b-al 12.555675 | w3<br>L<br>K<br>the | .0200000<br>.1713371<br>.1093120<br>102.55570 | SF<br>min<br>z<br>phi | .0485134<br>.0620251<br>.0531718<br>127.49514 | LFr .8558827<br>max .2245089<br>m .0200000<br>2-LEVEL THRUST |
| N<br>PRA<br>Si  | 2.000000<br>1.0300000<br>2.849545<br>.1100000  | wl<br>PRB<br>SAB<br>SAB | 1.1004038<br>2.354020                           | w2 .1100000<br>PRC 1.2073462<br>Sf 3.127476<br>b-al 15.121537 | w3<br>L<br>K<br>the | .0300000<br>.1752529<br>.1056951<br>105.12156 | SF<br>min<br>z<br>phi | .0499106<br>.0695578<br>.0467887<br>127.49514 | LFr .8654499<br>max .2220416<br>m .0300000<br>2-LEVEL THRUST |
| N               | 2.0000000                                      | w1                      | .2400000  | w21100000   | w3                  | .0300000                                      | SF                    | .0499106                                      | IFr .8019571   |
| PRA             | 1.0397908                                      | PRB                     | 1.1008635                                       | PRC 1.422329  | L                   | .0862045                                      | min                   | .0695578                                      | max .2220416   |
| Si              | 2.137158                                       | SAB                     | 1.997379  | Sf 3.127476   | K                   | .0166468                                      | z                     | .1358371                                      | m .0300000   |
| n               | .1100000                                       | gam                     | 37.495121                                       | b-al 15.121537  | the                 | 105.12156                                     | phi                   | 127.49514                                     | 2-LEVEL THRUST   |
| N<br>PRA<br>S1. | 2.0000000<br>1.0400000<br>2.849545<br>.1100000 | w1<br>PRB<br>SAB<br>gam | .2400000<br>1.0718691<br>2.407562<br>37.495121  | w2 .1100000<br>PRC 1.2117329<br>Sf 3.126987<br>b-al 17.718849 | w3<br>L<br>K<br>the | .0400000<br>.1789913<br>.1023830<br>107.71887 | SF<br>min<br>z<br>phi | .0518341<br>.0766083<br>.0401008<br>127.49514 | LFr .8758049<br>max .2190922<br>m .0400000<br>2-LEVEL THRUST |
| N               | 2.0000000                                      | wl                      | .2400000  | w2 .1100000   | W3                  | .0400000                                      | SF min z phi          | .0518341                                      | LFr .8213835   |
| PRA             | 1.0499598                                      | PRB                     | 1.0723203                                       | PRC 1.373883  | L                   | .1077538                                      |                       | .0766083                                      | max .2190922   |
| Si              | 2.279644                                       | SAB                     | 2.122520  | Sf 3.126987   | K                   | .0311454                                      |                       | .1113384                                      | m .0400000   |
| n               | .1100000                                       | gam                     | 37.495121                                       | b-al 17.718849  | the                 | 107.71887                                     |                       | 127.49514                                     | 2-LEVEL THRUST   |
| N               | 2.0000000                                      | w1                      | ,2400000  | w2 .1100000   | w3                  | .0500000                                      | SF                    | .0545235                                      | IFr .8871241   |
| PRA             | 1.0500000                                      | PRB                     | 1,0454579                                       | PRC 1.2147069   | L                   | .1825562                                      | min                   | .0831562                                      | max .2156400   |
| Si              | 2.849553                                       | SAB                     | 2,461806  | Sf 3.126309   | K                   | .0994000                                      | z                     | .0330839                                      | m .0500000   |
| n               | .1100000                                       | gam                     | 37,495121                                       | b-al 20.354385  | the                 | 110.35441                                     | phi                   | 127.49514                                     | 2-LEVEL THRUST   |
| N<br>PRA<br>Si  | 2.0000000<br>1.0599580<br>2.374623<br>.1100000 | wl<br>PRB<br>SAB<br>gam | .2400000<br>.1.0444447<br>2.224241<br>37.495121 | w2 .1100000<br>PRC 1.345751<br>Sf 3.126309<br>b-al 20.354385  | w3<br>L<br>K<br>the | .0500000<br>.1231899<br>.0400337<br>110.35441 | SF<br>min<br>z<br>phi | .0545235<br>.0831562<br>.0924501<br>127.49514 | LFr .8387489<br>max .2156400<br>m .0500000<br>2-LEVEL THRUST |
| N               | 2.0000000                                      | wl                      | .2400000  | w2 .1100000   | w3                  | .0600000                                      | SF                    | .0579825                                      | LFr .8993387   |
| PRA             | 1.0600000                                      | PRB                     | 1.0213627                                       | PRC 1.2158801   | L                   | .1859493                                      | min                   | .0891811                                      | max .2116649   |
| Si              | 2.849552                                       | SAB                     | 2.516728  | Sf 3.125410   | K                   | .0967683                                      | z                     | .0257155                                      | m .0600000   |
| n               | .1100000                                       | gam                     | 37.495121                                       | b-al 23.035286  | the                 | 113.03531                                     | phi                   | 127.49514                                     | 2-LEVEL THRUST   |
| N               | 2.0000000                                      | wl                      | .2400000  | w2 .1100000   | w3                  | .0600000                                      | SF                    | .0579825                                      | 1Fr .8552828   |
| PRA             | 1.0699057                                      | PRB                     | 1.0190836                                       | PRC 1.325956  | L                   | .1350651                                      | min                   | .0891811                                      | max .2116649   |
| Si              | 2.442478                                       | SAB                     | 2.312960  | Sf 3.125410   | K                   | .0458841                                      | z                     | .0765998                                      | m .0600000   |
| n               | .1100000                                       | gam                     | 37.495121                                       | b-al 23.035286  | the                 | 113.03531                                     | phi                   | 127.49514                                     | 2-LEVEL THRUST   |
| N               | 2.0000000                                      | wl                      | .2400000  | w2 .1100000   | w3                  | .0600000                                      | SF                    | .0579825                                      | IFr .8222399   |
| PRA             | 1.0734443                                      | PRB                     | 1.0085008                                       | PRC 1.443761  | L                   | .0969010                                      | min                   | .0891811                                      | max .2116649   |
| Si              | 2.137165                                       | SAB                     | 2.146523  | Sf 3.125410   | K                   | .0077199                                      | z                     | .1147639                                      | m .0600000   |
| n               | .1100000                                       | gem                     | 37.495121                                       | b-al 23.035286  | the                 | 113.03531                                     | phi                   | 127.49514                                     | 2-LEVEL THRUST   |
| N               | 2.0000000                                      | wi                      | .2400000  | w2 .1100000   | w3                  | .0700000                                      | SF                    | .0624056                                      | IFr .9125757   |
| PRA             | 1.0700000                                      | PRB                     | .9999043  | PRC 1.2146625   | L                   | .1891709                                      | min                   | .0946429                                      | max .2071267   |
| Si              | 2.849547                                       | SAB                     | 2.572333  | Sf 3.124217   | K                   | .0945280                                      | z                     | .0179559                                      | m .0700000   |
| n               | .1100000                                       | gam                     | 37.495121                                       | b-al 25.771112  | the                 | 115.77113                                     | phi                   | 127.49514                                     | 2-LEVEL THRUST   |
| N               | 2.0000000                                      | wl                      | .2400000  | w2 .1100000   | w3                  | .0700000                                      | SF                    | .0624056                                      | LFr .8717594   |
| PRA             | 1.0797838                                      | PRB                     | .9968216  | PRC 1.309345  | L                   | .1446476                                      | min                   | .0946429                                      | max .2071267   |
| Si              | 2.493361                                       | SAB                     | 2.393701  | Sf 3.124217   | K                   | .0500047                                      | z                     | .0624791                                      | m .0700000   |
| n               | .1100000                                       | gem                     | 37.495121                                       | b-al 25.771112  | the                 | 115.77113                                     | phi                   | 127.49514                                     | 2-LEVEL THRUST   |

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| 100      |                        |                     | alianana                       | 0          | 1700000              | <b>w</b> 3 | 0700000    | SF           | .0624056         | LFr                | .8400116    |
|----------|------------------------|---------------------|--------------------------------|------------|----------------------|------------|------------|--------------|------------------|--------------------|-------------|
| N        | 2.0000000              | wl                  | .2400000                       | w2         | 1100000              | L          | .1100159   | min          | 0946429          | max                | .2071267    |
| PRA      | 1.0842931              | PRB                 | .9890374                       | PRC        | 1.408273             |            |            |              | .0971108         | m                  | .0700000    |
| Si       | 2.216307               | SAB                 | 2.243063                       | Sf         | 3.124217             | K          | .0153730   | Z            |                  |                    | EL THRUST   |
| n        | .1100000               | gam                 | 37.495121                      | b-al       | 25.771112            | the        | 115.77113  | phi          | 127.49514        | Z=131.4            | EL TIMOUT   |
|          |                        |                     |                                |            |                      |            | 0          |              | • (50500         | T 177              | 0060005     |
| N        | 2.0000000              | wl                  | .2400000                       | w2         | .1100000             | w3         | •0800000   | SF           | .0679522         | LFr                | .9269095    |
| PRA      | 1.0800000              | PRB                 | .9816739                       | PRC        | 1.2101311            | L          | .1922245   | min          | •0995089         | max                | .2019927    |
| Si       | 2.849545               | SAB                 | 2.628612                       | Sf         | 3.122670             | K          | .0927156   | Z            | .0097682         | m                  | .0800000    |
| n        | .1100000               |                     | 37.495121                      | b-al       | 28.571587            | the        | 118.57161  | phi          | 127.49514        | 2-LEV              | EL THRUST   |
| •        | • 1100000              | B                   | ,                              |            |                      |            |            |              |                  |                    |             |
| 3.7      | 0 0000000              | ••1                 | .2400000                       | w2         | .1100000             | w3         | .0800000   | SF           | .0679522         | LFr                | .8886137    |
| . N .    | 2.0000000              | wl                  | 9782645                        | PRC        | 1.292739             | L          | .1526489   | min          | .0995089         | max                | .2019927    |
| PRA      | 1.0895682              | PRB                 |                                |            |                      | ĸ          | .0531401   | Z            | .0493438         | m                  | .0800000    |
| · Si     | 2.532941               | SAB                 | 2.469216                       | Sf         | 3.122670             | the        | 118.57161  | phi          | 127.49514        |                    | EL THRUST   |
| n        | •1100000               | gam                 | 37.495121                      | 0-8T       | 28.571587            | OHE        | 110.)1101  | PILL         | TE ( 0 1 ) ) T . |                    |             |
|          |                        |                     | -                              |            | • • •                | _          | 000000     | CTTO         | 0670500          | T Tiles            | .8579760    |
| N        | 2.0000000              | wl                  | .2400000                       | w2         | .1100000             | w3         | .0800000   | SF           | •0679522         | LFr                |             |
| PRA      | 1.0944115              | PRB                 | •9723300                       | PRC        | 1.377796             | L          | .1209869   | • min        | .0995089         | max                | .2019927    |
| Si       | 2.279645               | SAB                 | 2.330922                       | Sf         | 3.122670             | K .        | 0214781    | Z            | .0810058         | m                  | .0800000    |
| n        | .1100000               | gam 3               | 37.495121                      | b-al       | 28.571587            | the        | 118.57161  | phi          | 127.49514        | 5 <del>-</del> 7FA | EL THRUST   |
|          |                        |                     |                                |            |                      |            |            |              |                  |                    | -1 -1 -1 0  |
| N        | 2,0000000              | wl                  | -2400000                       | w2         | .1100000             | w3         | .0900000   | SF           | 0747604          | LFr                | .9424048    |
| PRA      | 1.0900000              | PRB                 | .9678890                       | PRC        | 1.2005741            | L.         | .1951122 · | min          | .1037324         | max                | .1962162    |
| Si       | 2.849554               | SAB                 | 2.685566                       | Sf         | 3.120688             | K          | .0913799   | Z            | .0011039         | m                  | .0900000    |
| n        | 1100000                |                     | 37.495121                      |            | 31.448751            | the        | 121.44877  | phi          | 127.49514        | · 2-LEV            | EL THRUST   |
| 11       | •1100000               | Rom                 | 71 • 777161                    | D-03.      | ) 1.0   )            | 4110       | 2000       | •            |                  |                    |             |
| **       | 0.000000               | 7                   | Olioppoo                       | 0          | .1100000             | <b>w</b> 3 | .0900000   | SF           | .0747604         | LFr                | .9061232    |
| N        | 2.0000000              | Wl.                 | .2400000                       | <b>w</b> 2 |                      | -          | .1594925   | min          | .1037324         | max                | .1962162    |
| PRA      | 1.0992492              | PRB                 | .9646150                       | PRC        | 1.273105             | L          |            | · Z          | 0367237          | m                  | .0900000    |
| Si       | 2.564597               | SAB                 | 2.541161                       | Sf         | 3.120688             | K          | .0557602   |              | 127.49514        |                    | EL THRUST   |
| n        | .1100000               | gam                 | 37.495121                      | b-al       | 31.448751            | the        | 121.44877  | phi          | 121.47714        | ۷ سیرسی            | III III(OSI |
|          |                        |                     |                                |            |                      |            |            |              | order Cole       | 7 170              | .8764362    |
| N        | 2.0000000              | wl                  | . 2400000                      | w2         | .1100000             | w3         | .0900000   | SF           | .0747604         | LFr                |             |
| PRA      | 1.1041803              | PRB                 | .9601337                       | PRC        | 1.347014             | L          | .1303482   | min          | .1037324         | max                | .1962162    |
| Si       | 2.331442               | SAB                 | 2.412940                       | Sf         | 3.120688             | K          | .0266159   | Z            | .0658680         | m<br>o Turi        | .0900000    |
| n        | .1100000               | gam 3               | 37.495121                      | b-al       | 31.448751            | the        | 121.44877  | phi          | 127.49514        | 2-1.157            | EL THRUST   |
|          |                        |                     |                                |            |                      |            |            |              | ambercal.        | ~ **               | 0535000     |
| N        | 2.0000000              | wl                  | .2400000                       | w2         | .1100000             | w3         | •0900000   | SF           | .0747604         | LFr                | .8517008    |
| PRA      | 1.1001063              | PRB                 | •95 <del>44</del> 573          | PRC        | 1.429734             | L          | •1060639   | min          | .1037324         | max                | .1962162    |
| Si       | 2.137167               | SAB                 | 2.286856                       | Sf         | 3.120688             | K          | .0023315   | $\mathbf{z}$ | .0901523         | m                  | .0900000    |
| n        | .1100000               | gam 3               | 37.495121                      | b-al       | 31.448751            | the        | 121.44877  | phi          | 127.49514        | 2-LEV              | EL THRUST   |
|          |                        |                     |                                |            |                      |            |            |              |                  |                    |             |
| N        | 2.0000000              | wl                  | .2400000                       | w2         | .1200000             | w3         | .0200000   | SF           | .0606442         | LFr                | .8683853    |
| PRA      | 1.0200000              | PRB ]               | 1.1519488                      | PRC        | 1.1897638            | L          | .1768437   | min          | .0701524         | max                | .2245089    |
| Si       | 2.849541               | SAB                 | 2.279158                       | Sf         | 3.123693             | K          | .1066913   | Z            | .0476653         | m                  | .0200000    |
| n        | .1200000               |                     | 10.705626                      |            | 12.555675            | the        | 102.55570  | phi          | 130.70565        | 2-LEV              | EL THRUST   |
|          | •                      | Ď                   |                                |            |                      |            |            |              |                  |                    |             |
| N        | 2.0000000              | wl                  | .2400000                       | w2         | .1200000             | w3         | .0300000   | SF           | .0620413         | LFr                | .8780489    |
| PRA      | 1.0300000              |                     | 1.1203923                      |            | 1.1954284            | L          | 1807613    | min          | .0776851         | max                | .2220416    |
| Si       | 2.849552               | SAB                 | 2.331993                       | Sf         | 3.123352             | K          | 1030763    | z            | .0412803         | m                  | .0300000    |
|          | .1200000               |                     | +0.705626                      |            | 15.121537            | the        | 105.12156  | phi          | 130.70565        | 2-LEV              | EL THRUST   |
| n        | • 1200000              | Ram -               | +0.10,020                      | D-a.i.     | L) • LC))            | 0110       | 10/•11/0   | 7            |                  |                    |             |
| NT       | 0 0000000              | ••7                 | .2400000                       | w2         | .1200000             | w3         | .0300000   | SF           | .0620413         | LFr                | .8100205    |
| N<br>PRA | 2.0000000<br>1.0396370 | w <u>l</u><br>PRB 1 | 1.1189133                      | PRC        | 1.413358             | Ľ          | .0917130   | min          | .0776851         | max                | .2220416    |
|          | 2.137165               | SAB                 | 1.975024                       | Sf         | 3.123352             | K          | .0140279   | Z            | 1303287          | m ·                | .0300000    |
|          | .1200000               |                     | 10.705626                      |            | 15.121537            | the        | 105.12156  | phi          | 130.70565        |                    | EL THRUST   |
| n.       | •1200000               | gam -               | 10,020                         | D-a        | ±/•±=±///            | OIIC       | 10/0121/0  | Pila         |                  |                    |             |
| N        | 2.0000000              | wl                  | .2400000                       | w2         | .1200000             | w3         | .0400000   | SF           | •0639649         | LFr                | .8885174    |
| PRA      | 1.0400000              |                     | 1.0907790                      |            | 1.2001356            | I.         | .1844997   | min          | .0847356         | max                | .2190922    |
| Si       | 2.849552               | SAB                 | 2.385535                       | Sf         | 3.122863             | K          | .0997641   | Z            | .0345924         | m                  | .0400000    |
|          | .1200000               |                     | 10.705626                      | h-al :     | 17.718849            | the        | 107.71887  | phi          | 130.70565        | 2-LEV              | EL THRUST   |
| n        | • 1200000              | Porit               | 104 107020                     | . سان – د  | 2. • 12.00-19        | 424        |            | T            | -21-7-7          |                    |             |
| N        | 0.0000000              | ••1                 | alianana                       | **         | 1200000              | 7.77       | .0400000   | SF           | .0639649         | LFr                | .8304663    |
| N<br>PRA | 2.0000000<br>1.0499105 | wl<br>PRB ]         | .2400000<br>1.0901 <b>7</b> 40 | w2<br>PRC  | .1200000<br>1.363832 | w3<br>L    | .11.32603  | min          | 0847356          | max                | 2190922     |
| Si       |                        |                     | 2.100373                       | Sf         | 3.122863             | K          | .0285247   | Z            | .1058319         | m                  | .0400000    |
|          | 2.279636               |                     |                                |            |                      |            |            |              |                  |                    | EL THRUST   |
| n        | .1200000               | gam 4               | 10.705626                      | b-al.      | 17.718849            | the        | 107.71887  | phi          | 130.70565        | ۷ تابال⊷           | TIT/OOT     |

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|----------------|------------------------------------|------------------|-----------------------------------|-----------------|------------------------------------|--------------|---|----------------|----------------------------------|-----------------|----------------------------------|
| N<br>PRA<br>Si | 2.0000000<br>1.0500000<br>2.849545 | wl<br>PRB<br>SAB | .2400000<br>1.0631799<br>2.439772 | w2<br>PRC<br>Sf | .1200000*<br>1.2036567<br>3.122185 | w3<br>L<br>K | .0500000<br>.1880627<br>.0967792            | SF<br>min<br>z | .0666542<br>.0912835<br>.0275774 | LFr<br>max<br>m | .8999634<br>.2156400<br>.0500000 |
| n              | .1200000                           | gam              | 40.705626                         | b-al            | 20.354385                          | the          | 110.35441                                   | phi            | 130.70565                        | 2-LE            | VEL THRUST                       |
| N              | 2.0000000                          | wl               | .240000C                          | w2              | .1200000                           | w3           | .0500000                                    | SF             | .0666542                         | LFr             | .8485661                         |
| PRA            | 1.0599132                          | PRB              | 1.0614143                         | PRC             | 1.335780                           | L<br>K       | .1286984<br>.0374149                        | min            | .0912835<br>.0869417             | max             | .2156400                         |
| Si<br>n        | 2.374630<br>.1200000               | SAB<br>gam       | 2.202108<br>40.705626             | Sf<br>b-al      | 3.122185<br>20.354385              | the          | 110.35441                                   | z<br>phi       | 130.70565                        | S-LEV           | VEL THRUST                       |
| N              | 2,0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0600000                                    | SF             | .0701132                         | LFr             | .9123240                         |
| PRA<br>Si      | 1.0600000<br>2.849559              | PRB              | 1.0377135<br>2.494701             | PRC<br>Sf       | 1.2056953<br>3.121286              | L<br>K       | .1914578<br>.0941494                        | min<br>z       | .0973084                         | max             | .0600000                         |
| n              | .1200000                           | gam              | 40.705626                         |                 | 23.035286                          | the          | 113.03531                                   | phi            | 130.70565                        |                 | /EL THRUST                       |
| N_             | 2.0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0600000                                    | SF             | .0701132                         | IFr°            | .8656750                         |
| PRA<br>Si      | 1.0698413<br>2.442469              | PRB •            | 1.0348033<br>2.290768             | PRC<br>Sf       | 1.316724<br>3.121286               | L<br>K       | .1405716<br>.0432633                        | min<br>z       | .0973084                         | max             | .0600000                         |
| n              | .1200000                           | gam              | 40.705626                         |                 | 23.035286                          | the          | 113.03531                                   | phi            | 130.70565                        | 2-TEA           |                                  |
| N              | 2.0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0600000                                    | SF             | .0701132                         | LFr             | .8306894                         |
| PRA            | 1.0722434                          | PRB              | 1.0222552.                        | PRC             | 1.438947                           | L            | .1024075                                    | min            | .0973084                         | max             | .2116649                         |
| Si<br>n        | 2.137156<br>.1200000               | SAB<br>gam       | 2.121922<br>40.705626             | Sf<br>b-al      | 3.121286<br>23.035286              | K<br>the     | .0050991<br>113.03531                       | z<br>phi       | .1092574<br>130. <b>7</b> 0565   | m<br>2-LEV      | .0600000                         |
| **             | •1200000                           | Perm             |                                   |                 |                                    |              | ralii, E. Ju                                | - 1            |                                  |                 |                                  |
| N<br>PRA       | 2,0000000                          | wl<br>DDD        | .2400000                          | w2              | .1200000                           | w3           | .0700000<br>.1946793                        | SF<br>min      | .0745363<br>.1027702             | LFr.<br>max     | .9257288<br>.2071267             |
| Si             | 1.0700000<br>2.849554              | PRB<br>SAB       | 1.0145763<br>2.550306             |                 | 3.120093                           | L<br>K       | .0919091                                    | Z              | .0124474                         | m               | .0700000                         |
| n              | .1200000                           | gem              | 40.705626                         |                 | 25.771112                          | the          | 115.77113                                   | phi            | 130.70565                        | 2-LEV           | EL THRUST                        |
| N              | 2.0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0700000                                    | SF             | .0745363                         | LFr             | .8826437                         |
| PRA<br>Si      | 1.0796851<br>2.493353              | PRB<br>SAB       | 1.0109160<br>2.371420             | PRC<br>Sf       | 1.301500                           | L<br>K       | .1501541<br>.0473839                        | min<br>z       | .1027702<br>.0569726             | mex<br>m        | .2071267<br>.0700000             |
| n              | .1200000                           | gam              | 40.705626                         |                 | 25.771112                          | the          | 115.77113                                   | phi            | 130.70565                        |                 | EL THRUST                        |
| N              | 2,0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0700000                                    | SF             | .0745363                         | LFr             | .8491335                         |
| PRA            | 1.0833168                          | PRB              | 1.0016622                         | PRC             | 1.403827                           | L            | •1155243                                    | min            | .1027702                         | max             | .2071267                         |
| Si<br>n        | 2.216314<br>.1200000               | SAB              | 2.218874<br>40.705626             | Sf<br>b-al      | 3.120093<br>25.771112              | K<br>the     | .0127541                                    | z<br>phi       | .0916024<br>130.70565            | m<br>2-LEV      | .0700000<br>EL THRUST            |
|                |                                    |                  |                                   |                 |                                    |              |   |                |                                  |                 |                                  |
| N<br>PRA       | 2.0000000<br>1.0800000             | wl<br>PRB        | .2400000<br>.9941031              | w2<br>PRC       | .1200000<br>1.2035076              | w3<br>L      | .0800000<br>.1977329                        | SF<br>min      | .0800829<br>.1076362             | LFr<br>max      | .9402514<br>.2019927             |
| Si             | 2.849552                           | SAB              | 2.606585                          | Sf              | 3.118546                           | K            | .0900968                                    | Z              | .0042598                         | m               | .0800000                         |
| n              | .1200000                           | gam              | 40.705626                         | b-al            | 28 <b>.</b> 5 <b>7</b> 1587        | the          | 118.57161                                   | phi            | 130.70565                        | 2-LEV           | el thrust                        |
| N              | 2.0000000                          | wl               | .2400000                          | w2              | .1200000                           | <b>w</b> 3   | .0800000                                    | SF             | .0800829                         | LFr             | .8999386                         |
| PRA<br>Si      | 1.0894256<br>2.532932              | PRB<br>SAB       | .9901301<br>2.446820              | PRC<br>Sf       | 1.28 <b>7</b> 235<br>3.118546      | L<br>K       | <ul><li>.1581555</li><li>.0505193</li></ul> | min<br>z       | .1076362<br>.0438372             | max<br>m        | .2019927<br>.0800000             |
| n              | .1200000                           | gam              | 40.705626                         |                 | 28.571587                          | the          | 118.57161                                   | phi            | 130.70565                        |                 | EL THRUST                        |
| N              | 2,0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0800000                                    | SF             | .0800829                         | LFr             | .8676872                         |
| PRA<br>Si      | 1.0935299<br>2.2 <b>7</b> 9636     | PRB<br>SAB       | .9829905<br>2.306877              | PRC<br>Sf       | 1.375240<br>3.118546               | L<br>K       | .1264935<br>.0188573                        | min            | .1076362<br>.0754992             | max             | .0800000                         |
| n              | .1200000                           | gam              | 40.705626                         |                 | 28.571587                          | the          | 118.57161                                   | z<br>phi       | 130.70565                        | m<br>2-LEV      | EL THRUST                        |
| N              | 2,0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0900000                                    | SF             | .0868912                         | LFr             | .9178610                         |
| PRA            | 1.0990572                          | PRB              | .9730246                          | PRC             | 1.271708                           | L            | .1649990                                    | min            | .1118597                         | max             | .1962162                         |
| Si<br>n        | 2.564588<br>.1200000               | SAB<br>gam       | 2.518633<br>40.705626             | Sf<br>b-al      | 3.116564<br>31.448751              | K<br>the     | .0531394<br>121.44877                       | z<br>phi       | .0312172                         | m<br>2-LEVI     | .0900000<br>EL THRUST            |
| N              | 2.0000000                          | wl               | .2400000                          | w2              | .1200000                           | w3           | .0900000                                    | SF             | .0868912                         | LFr             | .8866930<br>.1962162             |
| PRA            | 1.1033379                          | PRB              | 9674447                           | PRC             | .1200000<br>1.348475               | w3<br>L      | .0900000<br>.1358566                        | min            | .1118597                         | max             |                                  |
| Si<br>n        | 2.331449<br>.1200000               | SAB              | 2.388950<br>40.705626             | Sf              | 3.116564<br>31.448751              | K            | .0239970                                    | 2<br>phi       | .0603595                         | m<br>O TEM      | .0900000                         |
| 44             | • 120000                           | gam              | +0.102020                         | D-al            | )±• <del>44</del> 0∫)⊥             | the          | 121.44877                                   | phi            | 130.70565                        | 2-145VI         | IL THRUST                        |

( Shiftle-este )

Enterprise State

Alternative Special

| N         | ^2.0000000            | wl         | ~~ 2400000            | ~ w2 .   | 1.200000         | w3     | .1000000             | SF       | .0952053  | LFr         | .9367256             |
|-----------|-----------------------|------------|-----------------------|----------|------------------|--------|----------------------|----------|-----------|-------------|----------------------|
| PR        |                       | PRB        | 9608166               |          | .252338          | Ľ      | .1709576             | min      | .1153815  | max         | 1897380              |
| Si        | 2.590505              | SAB        | 2.587980              |          | .114032          | K      | .0555761             | Z        | .0187805  | m .         | .1000000             |
| n         | .1200000              | gam        | 40.705626             | b-al 34  | 417214           | the    | 124.41724            | phi      | 130.70565 | 2-LEV       | EL THRUST            |
|           | ,                     | J          |                       |          |                  | ,      |                      |          |           |             |                      |
| N         | 2,0000000             | wl         | . 2400000             | w2 .     | 1200000          | w3     | .1000000             | SF       | .0952053  | LFr         | •9064903             |
| PR        | 1.1129452             | PRB        | •9565533              | PRC 1    | .319642          | L.     | .1439724             | min      | .1153815  | max         | .1897380             |
| Si        | 2.374623              | SAB        | 2.466936              | Sf 3     | 114032           | K      | .0285909             | Z        | .0457656  | m           | .1000000             |
| n         | .1200000              | gem        | 40.705626             | b-al 34  | 417214           | the    | 124.41724            | phi      | 130.70565 | 2-LEV       | EL THRUST            |
|           |                       |            |                       |          |                  |        |                      |          |           |             |                      |
| N         | 2.0000000             | wl         | .2400000              | w2 .:    | 1200000          | w3     | .1000000             | SF       | .0952053  | IFr         | .8809071             |
| PRA       | 1.1095994             | PRB        | .9513620              | PRC 1    | 394267           | L      | .1211395             | min      | .1153815  | max         | .1897380             |
| Si        | 2.191960              | SAB        | 2.347640              | Sf 3     | 114032           | K      | .0057580             | z        | .0685985  | m           | .1000000             |
| n         | .1200000              | gam        | 40.705626             | b-al 34. | 417214           | the    | 124.41724            | phi      | 130.70565 | 2-LEV       | EL THRUST            |
|           |                       | J          |                       |          |                  | `      |                      |          |           |             |                      |
| •• N      | 2.0000000             | wl         | .2400000              | w2 .     | L300000          | w3     | .0200000             | SF       | .0752192  | LFr         | .8818941             |
| *PRA      | 1.0200000             | PRB        | 1.1735218             | PRC 1.1  | 1790167          | L      | .1831799             | min      | .0792816  | max         | .2245089             |
| Si        | 2.849545              | SAB        | 2.253817              | Sf 3.    | .118385          | K      | .1038983             | Z        | .0413291  | m           | .0200000             |
| n         | .1300000              | gam        | 44.079178             | b-al 12. | 555675           | the    | 102.55570            | phi      | 134.07920 | 2-LEV       | EL THRUST            |
|           | t.                    |            |                       |          |                  |        |                      | 1        |           |             |                      |
| . N       | 2.0000000             | wl         | . 2400000             |          | L300000          | w3     | .0300000             | SF       | .0766173  | LFr         | .8916969             |
| PRA       |                       | PRB        | 1.1408844             |          | 1848367          | L      | .1870976             | min      | .0868143  | max         | .2220416             |
| Si        | · 2.849556            | SAB        | 2.306652              |          | 118044           | K      | .1002833             | Z        | .0349441  | m           | •0300000             |
| n         | .1300000              | gam        | 44.079178             | b-al 15. | 121537           | the    | 105.12156            | phi      | 134.07920 | 2-LEV       | el thrúst            |
|           |                       |            |                       |          |                  |        |                      |          |           |             | 00                   |
| N         | 2.0000000             | wl         | . 2400000             |          | .300000          | w3     | .0300000             | SF       | .0766173  | LFr         | .8191338             |
| PRA       |                       | PRB        | 1.1368084             |          | 407158           | L      | .0980492             | min      | .0868143  | max         | .2220416             |
| Si        | 2.137168              | SAB        | 1.949181              |          | 118044           | K      | .01.12349            | Z        | .1239924  | m           | .0300000             |
| n         | .1300000              | gam        | 44.079178             | b-al 15. | 121537           | the    | 105.12156            | phi      | 134.07920 | 2-LEV       | EL THRUST            |
|           |                       |            |                       |          |                  |        |                      |          | -=000     |             | 0007700              |
| N         | 2.0000000             | wl         | .2400000              |          | .300000          | w3     | .0400000             | SF       | •0785399  | LFr         | .9023190             |
| PRA       |                       | PRB        | 1.1101618             |          | 898167           | L      | .1908360             | min      | .0938648  | max         | .2190922             |
| Si        | 2.849556              | SAB        | 2.360194              |          | 117554           | K      | .0969712             | z        | .0282562  | IA O TIME   | .0400000             |
| n         | .1300000              | gam        | 44.079178             | b-al 17. | 718849           | the    | 107.71887            | phi      | 134.07920 | 2-1EV.      | EL THRUST            |
| 3.7       | 0.0000000             | 7          | alianana              | 0 3      | 700000           | 7      | .0400000             | SF       | .0785399  | LFr         | .8406391             |
| N         | 2.0000000             | M.J        | .2400000              |          | 300000           | w3     |                      |          | .0938648  |             |                      |
| PRA<br>Si | 1.0498250<br>2.279640 | PRB<br>SAB | 1.1080403<br>2.074837 |          | 356047<br>117554 | L<br>K | .1195965<br>.0257317 | min<br>z | .0994957  | max<br>m    | .2190922<br>.0400000 |
| n         | .1300000              |            | 44.079178             | -        | 718849           | the    | 107.71887            | phi      | 134.07920 |             | EL THRUST            |
| 11        | •1,00000              | gam        | 44.0/2T/0             | 0-8T TI. | 110049           | OHE    | 101.11001            | hm       | 1)4.01920 | ~           | EL TIMODI            |
| N         | 2.0000000             | wl         | .2400000              | w2 .1    | .300000          | w3     | .0500000             | SF       | .0812292  | LFr         | .9139357             |
| PRA       |                       | PRB        | 1.0813934             |          | 937713           | L      | .1943989             | min      | .1004127  | max         | .2156400             |
| Si        | 2.849548              | SAB        | 2.414431              |          | 116877           | K      | .0939862             | z.       | .0212411  | m           | .0500000             |
| n         | .1300000              | gam        | 44.079178             | b-al 20. |                  | the    | 110.35441            | phi      | 134.07920 |             | EL THRUST            |
| -         | •,000000              | Board      | 11.017.10             | D-01 20• | J/1,J0/          | VIIC   | 110 0)/111           | 7        | 2) (0)/20 |             | 212.021              |
| N         | 2.0000000             | wl         | .2400000              | w2 .1    | 300000           | w3     | .0500000             | SF       | .0812292  | LFr         | .8595123             |
| PRA       |                       | PRB        | 1.0785267             |          | 327741           | Ľ      | 1350327              | min      | .1004127  | max         | .2156400             |
| Si        | 2.374619              | SAB        | 2.176584              |          | 116877           | K      | .0346200             | Z        | .0806074  | m           | .0500000             |
| n         | .1300000              | gam        | 44.079178.            | b-al 20. |                  | the    | 110.35441            | phi      | 134.07920 |             | EL THRUST            |
|           |                       | 0          |                       |          | •                |        |                      | <u>.</u> |           |             |                      |
| N         | 2.0000000             | wl         | .2400000              | w2 .1    | 300000           | w3     | .0600000             | SF       | .0846882  | LFr.        | .9264851             |
| PRA       |                       | PRB        | 1.0546551             | PRC 1.1  | 964672           | L      | .1977921             | min      | .1064375  | max         | .2116649             |
| Si        | 2.849547              | SAB        | 2.469353              | Sf 3.    | 115978           | K      | .0913546             | Z        | .0138728  | m           | .0600000             |
| n         | .1300000              | gam        | 44.079178             | b-al 23. | 035286           | the    | 113.03531            | phi      | 134.07920 | 2-LEVE      | IL THRUST            |
|           | 0 00000               |            | ما ممت                |          | 700              | _      | 0(                   | -        | a01. C00- |             | Oppoles              |
| N         | 2.0000000             | MJ         | 2400000               |          | 300000           | w3     | .0600000             | SF       | .0846882  | LFr         | .8772459             |
| PRA       |                       | PRB        | 1.0508485             |          | 309029           | L      | .1469078             | min      | .1064375  | max         | .2116649             |
| Si.       | 2.442473              | SAB        | 2.265193              |          | 115978           | K      | .0404703             | Z        | .0647571  | m<br>O TERR | .0600000             |
| n         | .1300000              | gam        | 44.079178             | b-al 23. | 027200           | the    | 113.03531            | phi      | 134.07920 | 2-LEVI      | IL THRUST            |
| NT.       | 2 0000000             | v - 1      | · alicacca            |          | 700000           |        | 0600000              | CT       | 001.6000  | T. T.       | 01.073.50            |
| N<br>PRA  | 2.0000000             | wl         | .2400000              |          | 300000           | w3     | .0600000             | SF       | .0846882  | LFr         | .8403158             |
|           | 1.0707693             | PRB        | 1.0361036             |          | 436589           | L      | .1087437             | min      | .1064375  | max         | .2116649             |
| Si        | 2.137160              | SAB        | 2.093431              |          | 115978           | K      | .0023062             | Z        | .1029212  | m<br>o ream | .0600000             |
| n         | •130000g              | gam        | 44.079178             | b-al 23. | 035286           | the    | 113.03531            | phi      | 134.07920 | S-TEAR      | IL THRUST            |

|                |                        |                  |                                       |                                    |                | •                                |                |                                  |                 |  |
|----------------|------------------------|------------------|---------------------------------------|------------------------------------|----------------|----------------------------------|----------------|----------------------------------|-----------------|--|
| N<br>PRA<br>S1 | 2.849558               | wl<br>PRI<br>SAI | 2.524965                              | w2 .1300<br>PRC 1.1975<br>Sf 3.114 | 862 L<br>785 K | .0700000<br>.2010155<br>.0891161 | SF<br>min<br>z | .0891123<br>.1118994<br>.0061112 | LFr<br>max<br>m | .9400988<br>.2071267<br>.0700000<br>VEL THRUST |
| n              | .1300000               | gan              | 44.079178                             | b-al 25.771                        | 112 the        | 115.77113                        | phi            | 1)4.01920                        | Z=LD            | APT INVOST.                                    |
| N              | 2.0000000              | wl               | .2400000                              | w2 .13000                          | 000 w3         | •0700000                         | SF             | .0891123                         | LFr             | .8947458                                       |
| PRA            | 1.0795499              | PRE              |                                       | PRC 1.294                          |                | .1564903                         | min            | .1118994                         | max             | .2071267                                       |
| Si.            | 2.493357               | SAE              |                                       | Sf 3.114                           |                | .0445910                         | Z              | .0506364                         | ··· m           | .0700000                                       |
| n              | •1300000               | gan              | 11                                    | b-al 25.771                        |                |                                  | phi            | 134.07920                        |                 | EL THRUST                                      |
| **             | •1.)00000              | San              | 1 110 013110                          | D-01 27•111.                       | 11 0110        | 11/4/11/11                       | P.1.2          | 201001010                        |                 | 22 2121002                                     |
| N              | 2.0000000              | wl               | .2400000                              | w2 .13000                          | 000 w3         | •0700000                         | SF             | .0891123                         | LFr             | .8594723                                       |
| PRA            | 1.0821337              | PRB              | 1 11                                  | PRC 1.4009                         | -              | .1218605                         | min            | .1118994                         | max             | 2071267  |
| Si             | 2.216318               | SAB              | · · · · · · · · · · · · · · · · · · · | Sf 3.114                           |                | .0099612                         | z              | .0852662                         | m               | .0700000                                       |
| n              | .1300000               | gam              | 11                                    | b-al 25.771                        |                | * <u>* </u>                      | phi            | 134.07920                        |                 | EL THRUST                                      |
|                |                        | 0                |                                       | > •                                |                | •                                | _              |                                  |                 |  |
| N              | 2.0000000              | wl               | .2400000                              | w2 .13000                          | 000 w3         | .0800000                         | SF             | .0946589                         | LFr             | .9125223                                       |
| PRA            | 1.0892406              | PRB              | 1.0031746                             | PRC 1.2818                         |                | .1644917                         | min            | .1167654                         | max             | .2019927                                       |
| Si             | 2.532936               | SAB              | 2.421010                              | Sf 3.1132                          | 238 K          | • .0477263                       | Z              | .0375010                         | m               | .0800000                                       |
| n              | .1300000               | gam              | 44.079178                             | b-al 28.5715                       | 87 the         | 118.57161                        | phi            | 134.07920                        | 2-LEV           | EL THRUST                                      |
|                |                        |                  |                                       |                                    |                |                                  |                | .1.4.0                           |                 | 0-04   |
| N              | 2.0000000              | wl               | 2400000                               | w2 .13000                          | 000 w3         | .0800000                         | SF             | .0946589                         | LFr             | .8786593                                       |
| PRA            | 1.0924728              | PRB              | •9947514                              | PRC 1.3731                         |                | .1328297                         | min            | .1167654                         | max             | .2019927                                       |
| Si             | 2.279640               | SAB              | 2.279126                              | Sf 3.1132                          | -              | .0160643                         | z .            | .0691630                         | m               | .0800000                                       |
| n              | .1300000               | gam              | 44.079178                             | b-al 28.5715                       | 687 the        | 118.57161                        | phi            | 134.07920                        | 2=LEV           | EL THRUST                                      |
|                |                        |                  | 01.00000                              |                                    |                | 0000000                          | CTTT.          | 2021/660                         | 7 17            | 0700015  |
| N              | 2.0000000              | wl               | . 2400000                             | w2 .13000                          |                | .0900000                         | SF             | .1014662                         | LFr             | •9309015                                       |
| PRA            | 1.0988171              | PRB              | .9837860                              | PRC 1.2687                         |                | .1713352                         | min            | .1209888                         | max             | .1962162                                       |
| Si             | 2.564592               | SAB              | 2.492677                              | Sf 3.1112                          |                | .0503464                         | Z              | .0248809                         | m ·             | .0900000                                       |
| n              | •1300000               | gam              | 44.079178                             | b-al 31.4487                       | '51 the        | 121.44877                        | phi            | 134.07920                        | 2-11EV          | EL THRUST                                      |
| NT.            | 0 0000000              | 7                | alicacca                              | 17000                              |                | 0000000                          | cm             | .1014662                         | T Time          | .8982487                                       |
| N<br>PRA       | 2.0000000<br>1.1023376 | wl<br>PRB        | .2400000<br>.9771067                  | w2 .13000<br>PRC 1.3484            | _              | .0900000<br>.1421929             | SF<br>min      | .1209888                         | LFr<br>max      | .1962162                                       |
| Si             | 2.331453               | SAB              | 2.361277                              | Sf 3.1112                          | -              | .0212040                         | Z              | .0540233                         | m               | .0900000                                       |
| n              | •1300000               |                  | 44.079178                             | b-al 31.4487                       | •              | 121.44877                        | phi            | 134.07920                        |                 | EL THRUST                                      |
| 11             | •1)00000               | gam              | 44.012TIO                             | D-a1 )1.4101                       | )I One         | TETOTOLI                         | PILL           | 1)4.01920                        | 5-1W1 4 1       | an imooi                                       |
| N              | 2.0000000              | wl               | 21,00000                              | w2 .13000                          | 00 w3          | .1000000                         | SF             | .1097803                         | LFr             | .9502106                                       |
| PRA            | 1.1082955              | PRB              | •9680464                              | PRC 1.2535                         |                | .1772919                         | min            | .1245107                         | max             | .1897380                                       |
| Si             | 2.590493               | SAB              | 2.561865                              | Sf 3.1087                          |                | 052781.2                         | Z              | .0124462                         | m               | .1000000                                       |
| n              | .1300000               | gam              | 44.079178                             | b-al 34.4172                       |                | 124.41724                        | phi            | 134.07920                        | 2-LEVI          | EL THRUST                                      |
|                |                        | 0                |                                       |                                    |                |                                  | _              |                                  |                 |  |
| N              | 2.0000000              | wl               | .2400000                              | w2 .13000                          | 00 w3          | .1000000                         | SF             | .1097803                         | LFr             | .9186030                                       |
| PRA            | 1.1119706              | PRB              | .9627494                              | PRC 1.3237                         |                | .1503086                         | min            | .1245107                         | max             | .1897380                                       |
| Si             | 2.374627               | SAB              | 2.439281                              | Sf 3.1087                          |                | .0257979                         | Z              | .0394294                         | m.              | .1000000                                       |
| n              | .1300000               | gam              | 44.079178                             | b-al 34.4172                       | 14 the         | 124.41724                        | phi            | 134.07920                        | 2-LEVE          | IL THRUST                                      |
|                |                        |                  |                                       |                                    |                |                                  |                | 0 -                              |                 | 00   |
| N              | 2.0000000              | wl               | .2400000                              | w2 .130000                         |                | .1000000                         | SF             | .1097803                         | LFr             | .8918572                                       |
| PRA            | 1.1071699              | PRB              | •9560998                              | PRC 1.4033                         |                | .1274758                         | min            | .1245107                         | max             | .1897380                                       |
| Si             | 2.191964               | SAB              | 2.316974                              | Sf 3.1087                          |                | .0029651                         | Z              | .0622623                         | m               | .1000000                                       |
| n              | .1300000               | gam              | 44.079178                             | b-al 34.4172                       | 14 the         | 124.41724                        | phi            | 134.07920                        | 2-LEVE          | IL THRUST                                      |
| N              | 2 0000000              |                  | .2400000                              | 17000                              | 20 **7         | 1100000                          | CAL            | 1108503                          | T Time          | olioozli 8                                     |
| N<br>PRA       | 2.0000000<br>1.1215125 | wl<br>PRB        |                                       | w2 .130000<br>PRC 1.29580          |                | .1100000<br>.1574249             | SF             | .1198502<br>.1272564             | LFr             | .9400148                                       |
| Si             | 2.411153               | SAB              | •9531256<br>2•514438                  | PRC 1.29580<br>Sf 3.10549          |                | .0301686                         | min<br>z       | .0250588                         | max<br>m        | .1824837<br>.1100000                           |
| n              | .1300000               | gam              | 44.079178                             | b-al 37.4951                       |                | 127.49516                        | phi            | 134.07920                        |                 | L THRUST                                       |
| •              | •=>00000               | 0                |                                       | 0 01 J 1 .J J                      | ,0             | 20101775                         | F              | 27.001720                        |                 |  |
| N              | 2.0000000              | wl               | .2400000                              | w2 .130000                         | 00 w3          | .1100000                         | SF             | .1198502                         | LFr             | .9137001                                       |
|                | 1.1185972              | PRB              | .9483036                              | PRC 1.36400                        |                | .1358967                         | min            | .1272564                         |                 | .1824837                                       |
| Si             | 2.238927               | SAB              | 2.400870                              | Sf 3.10549                         |                | .0086403                         | Z              | .0465870                         | m               | .1100000                                       |
| n              | .1300000               | gam              | 44.079178                             | b-al 37:49513                      |                | 127.49516                        | phi            | 134.07920                        |                 | L THRUST                                       |
|                |                        |                  |                                       |                                    |                |                                  |                |                                  |                 |  |
| N              | 2.0000000              | wl               | .2400000                              | w2 .140000                         | 05 W3          | .0200000                         | SF             | .0927515<br>.0895879             | LFr             | .8966761<br>.2245089                           |
|                | 1.0200000              | PRB              | 1.1957322                             | PRC 1.169780                       |                | .1905155                         | min            |                                  |                 |  |
| Si             | 2.849554               | SAB              | 2.224483                              | Sf 3.11148                         |                | .1009277                         | Z              | •0339934                         |                 | .0200000                                       |
| n              | .1400000               | gam              | 47.657087                             | b-al 12.55567                      | 5 the          | 102.55570                        | phi            | 137.65711                        | 2-LEVE          | L THRUST                                       |

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|                          |  |  |   |                     |  |                        | ` .  |  |
|--------------------------|--|--|---|---------------------|--|------------------------|--|--|
| N<br>PRA<br>Si           | 2.0000000<br>1.0300000<br>2.849550             | wl .2400000<br>PRB 1.1619241<br>SAB 2.277311<br>gam 47.657087          | w2 .1400000 .<br>PRC 1.1757630<br>Sf 3.111143<br>b-al 15.121537 | w3<br>L<br>K<br>the | .0300000<br>.1944313<br>.0973108<br>105.12156  | SF<br>min<br>z<br>phi  | .0941496<br>.0971206<br>.0276103<br>137.65711  | LFr .9066658 max .2220416 m .0300000 2-LEVEL THRUST            |
| n<br>N<br>PRA<br>Si      | .1400000<br>2.0000000<br>1.0390547<br>2.137163 | wl .2400000<br>PRB 1.1545957<br>SAB 1.919097                           | w2 .1400000<br>PRC 1.404084<br>Sf 3.111143<br>b-al 15.121537    | w3<br>L<br>K<br>the | .0300000<br>.1053829<br>.0082624<br>105.12156  | SF<br>min<br>z<br>phi  | .0941496<br>.0971206<br>.1166587<br>137.65711  | LFr .8295679<br>max .2220416<br>m .0300000<br>2-LEVEL THRUST   |
| n<br>N<br>PRA<br>Si      | .1400000<br>2.0000000<br>1.0400000<br>2.849550 | wi .2400000<br>PRB 1.1300303<br>SAB 2.330853                           | w2 • .1400000<br>PRC 1.1809911<br>Sf 3.110653                   | w3<br>L<br>K        | .0400000<br>.1981697<br>.0939986               | SF<br>min<br>z         | .0960732<br>.1041711<br>.0209224<br>137.65711  | IFr .9174938<br>max .2190922<br>m .0400000<br>2-LEVEL THRUST   |
| n<br>N<br>PRA<br>Si      | .1400000<br>2.0000000<br>1.0496874<br>2.279634 | gam 47.657087  wl .2400000  PRB 1.1259529  SAB 2.045182                | w2 .1400000<br>PRC 1.350826<br>Sf 3.110653<br>b-al 17.718849    | w3<br>L<br>K        | .0400000<br>.1269302<br>.0227591<br>107.71887  | SF min z phi           | .0960732<br>.1041711<br>.0921619               | LFr .8521862<br>max .2190922<br>m .0400000<br>2-LEVEL THRUST   |
| n<br>N<br>PRA<br>Si      | 2.0000000<br>1.0500000<br>2.849558             | gam 47.657087  wl .2400000  PRB 1.1000699  SAB 2.385098                | w2 .1400000<br>PRC 1:1853061<br>Sf 3.109976<br>b-al 20.354385   | w3<br>L<br>K        | .0500000<br>.2017346<br>.0910156<br>110.35441  | SF<br>min<br>z<br>phi  | .0987625<br>.1107190<br>.0139055<br>137.65711  | LFr .9293337<br>max .21.56400<br>m .0500000<br>2-LEVEL THRUST  |
| n<br>N<br>PRA<br>Si      | 2.0000000<br>1.0597239<br>2.374628             | gam 47.657087  w1 .2400000  PRB 1.0957769  SAB 2.146977                | w2 .1400000<br>PRC 1.321927<br>Sf 3.109976<br>b-al 20.354385    | w3<br>L<br>K<br>the | .0500000<br>.1423683<br>.0316493<br>110.35441  | SF<br>min<br>z<br>phi  | .0987625<br>.1107190<br>.0732717<br>137.65711  | LFr .8718872°<br>max .2156400<br>m .0500000<br>2-LEVEL THRUST  |
| n<br>N<br>PRA<br>Si      | 2.000000<br>1.060000<br>2.849557               | gam 47.657087  wl .2400000  PRB 1.0720879  SAB 2.440019  gam 47.657087 | w2 .1400000<br>PRC 1.1885234<br>Sf 3.109076<br>b-al 23.035286   | w3<br>L<br>K<br>the | .0600000<br>.2051277<br>.0883839               | SF<br>min·<br>z<br>phi | .1022205<br>.11.67438<br>.0065371<br>137.65711 | LFr .9421215<br>max .2116649<br>m .0600000<br>2-LEVEL THRUST   |
| n<br>N<br>PRA<br>Si      | 2.000000<br>1.0696066<br>2.442467              | wl .2400000<br>PRB 1.0671359<br>SAB 2.255513                           | w2 .1400000<br>PRC 1.303270<br>Sf 3.109076<br>b-al 23.035286    | w3<br>L<br>K<br>the | .0600000<br>.1542416<br>.0374978               | SF<br>min<br>z<br>phi  | .1022205<br>.1167438<br>.0574233<br>137.65711  | LFr .8902893<br>max .2116649<br>m .0600000<br>2-LEVEL THRUST   |
| n<br>N<br>PRA<br>Si      | 2.493351                                       | wl .2400000<br>PRB 1.0407658<br>SAB 2.315945<br>gam 47.657087          | w2 .1400000<br>PRC 1.289387<br>Sf 3.107883<br>b-al 25.771112    | w3<br>L<br>K<br>the | .0700000<br>.1638241<br>.0416184               | SF<br>min<br>z<br>phi  | .1066446<br>.1222057<br>.0433026<br>137.65711  | LFr .9083729<br>max .2071267<br>m .0700000<br>2-LEVEL THRUST   |
| n<br>N<br>PRA<br>Si      | 2.0000000<br>1.0806922<br>2.2163'2<br>.1400000 | v1 .2400000<br>PRB 1.0280944<br>SAB 2.158375<br>gem 47.657087          | w2 .1400000.<br>PRC 1.400571<br>Sf 3.107883<br>b-al 25.771112   | w3                  | .0700000<br>.1291943<br>.0069886               | SF<br>min<br>z<br>phi  | .1066446<br>.1222057<br>.0779324<br>137.65711  | LFr .8713360<br>max .2071267<br>m .0700000<br>2-LEVEL THRUST   |
| n<br>N<br>PR!<br>Si<br>n | 2.0000000                                      | wl .2400000<br>PRB 1.0169280<br>SAB 2.391066<br>gam 47.657087          | v2 .1400000<br>PRC 1.277517<br>Sf 3.106337<br>b-al 28.571587    | w3<br>L<br>K<br>the | .0800000<br>.1718254<br>.0447538<br>118.57161  | SF<br>min<br>z<br>phi  | .1121912<br>.1270717<br>.0301673<br>137.65711  | IFr .9266834<br>max .2019927<br>m .0800000<br>2-LEVEL THRUST   |
| N<br>PRA<br>Si           | 2.0000000                                      | vl .2400000<br>PRB 1.0070992<br>SAB 2.246833<br>gam 47.657087          | w2 .1400000<br>PRC 1.372764<br>Sf 3.106337<br>b-al 28.571587    | w3<br>L<br>K<br>the | .0800000<br>.1401.634<br>.0130918<br>118.57161 | SF<br>min<br>z<br>phi  | .0618293                                       | 1Fr .8912077<br>max • .2019927<br>m .0800000<br>2-LEVEL THRUST |
| N<br>PR<br>Si<br>- n     | 2.0000000                                      | wl .2400000<br>PRB .9958238<br>SAB 2.462576<br>gam 47.657087           | w2 .1400000<br>PRC 1.265899<br>Sf 3.104354<br>b-al 31.448751    | w3<br>L<br>K<br>the | .0900000<br>.1786709<br>.0473758<br>121.44877  | SF<br>min<br>z<br>phi  | .1189985<br>.1312951<br>.0175453<br>137.65711  | IFr .9455710<br>max .1962162<br>m .0900000<br>2-LEVEI, THRUST  |
|                          |  |  |   |                     |  |                        |  |  |

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|           |                       |           |   |                              |                 |                      | •    |                      |             | >40                  |
|-----------|-----------------------|-----------|---|------------------------------|-----------------|----------------------|------|----------------------|-------------|----------------------|
| N         | 2,0000000             | wl        | 2400000                                 | w2 .1400000                  | w3              | •0900000             | SF   | .1189985             | LFr         | .9114323             |
| PRA       |                       | PRB       | .9879800                                | PRC 1.349040                 | Ĺ               | .1495266             | min  |                      | max         | .1962162             |
| Si        | 2.331447              | • SAB     | 2.329155                                | Sf 3.104354                  | K               | .0182315             | z    | .0466896             | m           | .0900000             |
| n         | 1400000               | gam       | 47.657087                               | b-al 31.448751               | the             | 121.44877            | phi  | 137.65711            |             | EL THRUST            |
| -         |                       | 8         | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | >                            |                 |                      | F    |                      |             |                      |
| N         | 2.0000000             | wl        | .2400000                                | w2 .1400000                  | w3              | .1000000             | SF   | .1273136             | LFr         | .9653778             |
| PRA       |                       | PRB       | 9777556                                 | PRC 1.253118                 | L               | .1846275             | min  | .1348170             | mex         | .1897380             |
| Si        | 2.590503              | SAB       | 2.531598                                | Sf 3.101823                  | ĸ               | .0498105             | Z    | .0051105             | m           | 1000000              |
| n         | .1400000              | gam       | 47.657087                               | b-al 34.417214               | the             | 124.41724            | phi  | 137.65711            |             | EL THRUST            |
| 11        | •1400000              | Rom       | 41.001001                               | 0-01 )4-41/214               | OTIC            | 164.41164            | Pill | 1)1.0)111            |             | III III.001          |
| ar        | 2.0000000             | 1         | * .2400000                              | w2 .1400000                  | w3              | .1000000             | SF   | .1273136             | LFr         | .9323940             |
| N<br>PRA  | 1.1108189             | wl<br>PRB | .9714315                                | PRC 1.326453                 | L               | .1576424             | min  | 1348170              | mex         | 1897380              |
| Si        |                       |           |   |                              |                 |                      |      | •0320957             |             | .1000000             |
|           | 2.374621              | SAB       | 2.407205                                | Sf 3.101823                  | K               | _0228254             | Z    |                      | m<br>O TEN  | EL THRUST            |
| n         | •1400000              | gam       | 47.657087                               | b-al 34.417214.              | the             | 124.41724            | phi  | 137.65711            | ∠=1.E.¥     | EL THRUST            |
| ••        | 0 0000000             |           | -1                                      |                              |                 |                      | ~    | 3 707075             | 770         | 0511.070             |
| N         | 2.0000000             | wl        | .2400000                                | w2 .1400000                  | w3              | .1100000             | SF   | •1373835             | LFr         | .954403°             |
| PRA       | 1.1203857             | PRB       | .9582442                                | PRC 1.302623                 | L               | .1647606             | min  | .1375627             | max         | .1824837             |
| Si        | 2.411162              | SAB       | 2.482389                                | Sf 3.098596                  | K               | .0271979             | Z    | .0177231             | m           | .1100000             |
| n         | .1400000              | gam       | 47.657087                               | b-al 37.495138               | the             | 127.49516            | phi  | 137.65711            | 2-LEV       | EL THRUST            |
|           |                       |           |   |                              |                 |                      |      |                      |             | 00/0071              |
| N         | 2.0000000             | wl        | .2400000                                | w2 .1400000                  | w3              | .1100000             | SF   | .1373835             | LFr         | .9269934             |
| PRA       | 1.1160805             | PRB       | .9520918                                | PRC 1.375590                 | L.              | .1432324             | min  | 1375627              | max         | .1824837             |
| Si        | 2.238936              | SAB       | 2.365904                                | Sf 3.098596                  | K               | .0056697             | Z    | .0392514             | m           | .1100000             |
| n         | .1400000              | gam       | 47.657087                               | b-al 37.495138               | the             | 127.49516            | phi  | 137.65711            | 2-LEV       | EL THRUST            |
|           |                       |           |   |                              |                 |                      |      |                      |             |                      |
| N         | 2.0000000             | wl        | .2400000                                | w2 .1400000                  | w3              | 1200000              | SF   | .1495152             | LFr         | .9777708             |
| PRA       | 1.1299624             | PRB       | .9498320                                | PRC 1.274772                 | L               | .1710548             | min  | .1394355             | max         | .1743565             |
| Si        | 2.442474              | SAB       | 2.555684                                | Sf. 3.094472                 | K               | .0316194             | Z    | .0033017             | m           | .1200000             |
| n         | .1400000              | gam       | 47.657087                               | b-al 40.705625               | the             | 130.70565            | phi  | 137.65711            |             | EL THRUST            |
|           |                       |           | 7,1                                     |                              |                 |                      |      |                      |             |                      |
| N         | 2.0000000             | wl        | .2400000                                | w2 .1400000                  | w3              | .1200000             | SF   | .1495152             | LFr         | .9508171             |
| PRA       | 1.1273701             | PRB       | .9453071                                | PRC 1.337660                 | L               | .1506996             | min  | .1394355             | max         | .1743565             |
| Si        | 2.279632              | SAB       | 2.447191                                | Sf 3.094472                  | K               | .0112642             | z    | .0236569             | m           | 1200000              |
| n         | .1400000              | gam       | 47.657087                               | b-al 40.705625               | the             | 130.70565            | phi  | 137.65711            |             | EL THRUST            |
| -         | <b>\$</b> 100000      | 0000      | 11.001001                               | D-01 10.1070L7               | 0110            | 10001000             | P    | 2) 00) 22            |             | 212.002              |
| N         | 2.0000000             | wl        | .2400000                                | w2 .1500000                  | w3              | •0200000             | SF   | .1139660             | IFr         | .9131060             |
| PRA       | 1.0200000             | PRB       | 1.2187488                               | PRC 1.1622510                | L               | .1990986             | min  | .1013294             | max         | .2245089             |
| Si        | 2.849550              | SAB       | 2.190147                                | Sf 3.102326                  | K               | .0977693             | z    | .0254103             | m           | .0200000             |
| n         | .1500000              | gam       | 51.49979                                | b-al 12.555675               | the             | 102.55570            | phi  | 141.49981            |             | EL THRUST            |
| -         | • = > 0 0 0 0 0       | 0,44      | /== 1//(/                               | D 01 120///01/               | 0110            | 1010////             | L    | 1.11.1701            |             |                      |
| N         | 2.0000000             | wl        | .2400000                                | w2 .1500000                  | w3              | .0300000             | SF   | .1153641             | LFr         | •9233503             |
| PRA       | 1.0300000             | PRB       | 1.1836454                               | PRC 1.1684017                | L               | .2030163             | min  | .1088621             | max         | .2220416             |
| Si        | 2.849561              | SAB       | 2.242983                                | Sf 3.101985                  | K               | .0941543             | Z    | .0190253             | m           | .0300000             |
| n         | .1500000              | gam       | 51.49979                                | b-al 15.121537               | the             | 105.12156            | phi  | 141.49981            |             | EL THRUST            |
|           | •1700000              | Som       | 7=• 17717                               | D-01 1) • 1(1)               | OILC            | 107•12170            | Para | 141647701            | ٠,- ســـ ١٥ | DE TIMODE            |
| N         | 2.0000000             | 7.7       | .2400000                                | 150000                       | 7.77            | .0300000             | SF   | .1153641             | LFr         | .8417149             |
| PRA       | 1.0385493             | wl<br>PRB | 1.1723698                               | w2 .1500000<br>PRC 1.404649  | w3<br>L         | .1139660             | min. | .1088621             | max         | .2220416             |
|           |                       |           | 1.883681                                |                              |                 | .0051040             |      |                      |             |                      |
| Si        | 2.137159              | SAB       |   | Sf 3.101985                  | K               |                      | Z    | .1080756             | m<br>O TENT | .0300000             |
| n         | •1500000              | gam       | 51.49979                                | b-al 15.121537               | the             | 105.12156            | phi  | 141.49981            | <-T₽A1      | EL THRUST            |
| M         | 2 0000000             | 7.7       | alianna                                 | 150000                       | 7               | diama                | ਵਾਰਾ | 1170867              | TF          | •9344444             |
| N         | 2.0000000             | Wl        | .2400000                                | w2 .1500000                  | w3              | .0400000             | SF   | .1172867             | LFr         |                      |
| PRA<br>Si | 1.0400000<br>2.849546 | PRB       | 1.1504833                               | PRC 1.1738733                | L               | 2067528              | min  | •1159126             | max         | .2190922             |
|           |                       | SAB       | 2.296517                                | Sf 3.101496                  | K               | .0908402             | Z    | .0123394             | m<br>O Turk | .0400000             |
| n         | •1500000              | gam       | 51.49979                                | b-al 17.718849               | the             | 107.71887            | phi  | 141.49981            | 2-LEVE      | IL THRUST            |
| M         | 2.0000000             | wl        | .2400000                                | 170 1500000                  | 7.7             | .0400000             | SF   | 1170867              | T E         | 8655110              |
| N<br>PRA  | 1.0494747             | PRB       | 1.1440077                               | w2 .1500000                  | w3              |                      |      | .1172867             | LFr         | .8655110             |
|           |                       |           |   | PRC 1.348548                 | L               | .1355152             | min  | .1159126             | max         | .2190922             |
| Si        | 2.279645              | SAB       | 2.010369                                | Sf 3.101496                  | K               | .0196026.            | Z    | .0835769             | m<br>O TEST | .0400000             |
| n         | •1500000              | gam       | 51.49979                                | b-al 17.718849               | the             | 107.71887            | phi  | 141.49981            | Z-LEVE      | IL THRUST            |
| nr.       | 0 0000000             | -2        | ol. oc                                  |                              |                 |                      | •    |                      |             |                      |
| N         | 2.0000000             | Wl        | -2400000                                | w2 .1500000<br>PRC 1.1785134 | <b>w</b> 3<br>L | .0500000<br>.2103176 | SF   | .1199761<br>.1224605 | LFr         | .9465704<br>.2156400 |
| PRA       | 1.0500000             | PRB       | 1.1192657                               |                              |                 |                      | min  |                      | max         |                      |
| Si        | 2.849554              | SAB       | 2.350762                                | Sf 3.100818                  | K               | .0878572             | Z    | .0053224             | m           | •0500000             |
| n         | .1500000              | gam       | 51,49979                                | b-al 20.354385               | the             | 110.35441            | phi  | 141.49981            | 2-LEVE      | L THRUST             |
|           |                       |           |   |                              |                 |                      |      |                      |             |                      |

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|   | N        | 2,0000000              | wl        | .2400000              | w2 .150000                  | 0 w3       | •0500000                   | SF        | .1199761   | LFr          | .8860998             |
|---|----------|------------------------|-----------|-----------------------|-----------------------------|------------|----------------------------|-----------|------------|--------------|----------------------|
|   | PRA      | 1.0595504              | PRB       | 1.1132217             | PRC 1.31872                 |            | 1509514                    | min       | 1224605    | max          | .2156400             |
|   | Si       | 2.374624               | SAB       | 2.112229              | Sf 3.10081                  |            | .0284909                   | Z         | .0646886   | m            | .0500000             |
|   | n        | 1500000                | gan       | 51.49979              | b-al 20.35438               |            | 110.35441                  | phi       | 141,49981  |              | EL THRUST            |
|   | 44       | •1,00000               | Post      | 7447717               | D-01 20177170               | •          | 220177112                  | F         |            |              |                      |
|   | 107      | 0 0000000              | wl        | .2400000              | w2 .1500000                 | 0 w3       | .0600000                   | SF        | .1234350   | LFr          | .9052391             |
|   | N<br>PRA | 2.0000000<br>1.0694104 | PRB       | 1.0836683             | PRC 1.299844                |            | .1628265                   | min       | 1284853    | mex          | .2116649             |
|   |          |                        |           |                       |                             |            |                            |           | 0488383    |              | .0600000             |
|   | Si       | 2.442479               | SAB       | 2.200706              | Sf 3.099919                 | _          | .0343412                   | 2         |            | m<br>O Turki |                      |
|   | n        | •1500000               | gam       | 51.49979              | b-al 23.035286              | 5 the      | 113.03531                  | phi       | 141.49981  | Z-LEV.       | EL THRUST            |
|   |          |                        |           | 41.0000               |                             |            | <b>4</b> 700000            | ~         | 2.050.50   |              | 0070700              |
|   | N        | 2.0000000              | wl        | .2400000              | w2 .1500000                 | •          | .0700000                   | SF        | .1278591   | IFr          | •9239702             |
|   | PRA      | 1.0791229              | PRB       | 1.0562295             | PRC 1.286169                |            | .1724091                   | min       | .1339472   | max          | .2071267             |
|   | Si       | 2.493362               | SAB       | 2.281008              | Sf 3.098726                 |            | .0384619                   | Z         | .0347176   | m            | .0700000             |
|   | n        | .1500000               | gem       | 51.49979              | b-al 25.771112              | the the    | 115.77113                  | phi       | 141.49981  | 2-LEV        | EL THRUST            |
|   |          |                        |           |                       |                             | •          |                            |           | (          |              |                      |
|   | N        | 2,0000000              | wl        | .2400000              | w2 .1500000                 | ) w3       | .0700000                   | SF        | .1278591   | LFr          | .8851671             |
|   | PRA      | 1.0789243              | PRB       | 1.0415122             | PRC 1.403326                | 5 L        | •13 <b>7</b> 7 <b>7</b> 73 | min       | .1339472   | max          | .2071267             |
|   | Si       | 2.216309               | SAB       | 2.120120              | Sf 3.098726                 |            | .0038302                   | Z         | .0693494   | m            | .0700000             |
|   | n        | .1500000               | gam       | 51.49979              | b-al 25.771112              |            | 115.77113                  | phi       | 141.49981  | 2-LEV        | EL THRUST            |
|   |          | ,00000                 | 6         | 7-0.7712              |                             |            | >•//>                      | F         |            |              |                      |
|   | N        | 2.0000000              | wl        | 2400000               | w2 .1500000                 | ) w3       | .0800000                   | SF        | .1334057   | LFr          | .9428749             |
|   | PRA      | 1.0886970              | PRB       | 1.0311768             | PRC 1.274871                | -          | .1804085                   | min       | .1388132   | max          | .2019927             |
|   | Si       | 2.532927               | SAB       | 2.355956              | Sf 3.097179                 |            | .0415953                   | Z         | .0215842   | m            | .0800000             |
|   |          |                        |           |                       |                             |            | 118.57161                  |           | 141.49981  |              | IL THRUST            |
|   | n        | •1500000               | gam       | 51.49979              | b-al 28.571587              | the        | 110.)[101                  | phi       | 141.47901  | Z-142 41     | al linopi            |
|   | RT       | 2 0000000              | 1         | alianna               | ·-0 1500000                 | 7          | 000000                     | CTP       | 1221057    | I Elm        | 0057801              |
|   | N        | 2.0000000              | Wl        | 2400000               | w2 .1500000                 |            | .0800000                   | SF        | .1334057   | LFr          | .9057894             |
|   | PRA      | 1.0896593              | PRB       | 1.0197777             | PRC 1.374854                |            | .1487484                   | min       | .1388132   | max          | .2019927             |
|   | Si       | 2.279646               | SAB       | 2.209044              | Sf 3.097179                 |            | •0099353                   | Z         | 0532443    | m            | .0800000             |
|   | n        | <b>.</b> 1500000       | gam       | 51.49979              | b-al 28.571587              | the        | 118.57161                  | phi       | 141.49981  | 2-LEV        | EL THRUST            |
|   |          |                        |           |                       |                             |            |                            |           |            |              |                      |
|   | N        | 2.0000000              | wl        | .2400000              | w2 .1500000                 | -          | •0900000                   | SF        | .1402130   | LFr          | .9623337             |
|   | PRA      | 1.0981.450             | PRB       | 1.0086531             | PRC 1.264229                | L          | .1872540                   | min       | .1430366   | mex          | .1962162             |
|   | Si       | 2.564598               | SAB       | 2.427284              | Sf 3.095197                 | K          | .0442174                   | Z         | .0089622   | m            | •0900000             |
|   | n        | .1500000               | gam       | 51.49979              | b-al 31.448751              | the        | 121.44877                  | phi       | 141.49981  | 2-LEVE       | IL THRUST            |
|   |          |                        |           |                       |                             |            |                            |           |            |              |                      |
|   | N        | 2.0000000              | wl        | .2400000              | w2 .1500000                 | w3         | .0900000                   | SF        | .1402130   | LFr          | .9267101             |
|   | PRA      | 1.0997166              | PRB       | •9995349              | PRC 1.351365                | L          | .1581097                   | min       | .1430366   | max          | .1962162             |
|   | Si       | 2.331444               | SAB       | 2.291489              | Sf 3.095197                 | K          | .0150731                   | Z         | .0381065   | m            | .0900000             |
|   | n        | .1500000               | gam       | 51.49979              | b-al 31.448751              | the        | 121.44877                  | phi       | 141.49981  | 2-LEVE       | IL THRUST            |
| ٠ |          |                        | •         |                       |                             |            |                            |           |            |              |                      |
|   | N        | 2.0000000              | wl        | .2400000              | w2 .1500000                 | v13        | .1000000                   | SF        | .1485272   | LFr          | .9483433             |
|   | PRA      | 1.1094517              | PRB       | .9814170              | PRC 1.329843                |            | .1662254                   | min       | .1465585   | max          | .1897380             |
|   | Si       | 2.374617               | SAB       | 2.369622              | Sf 3.092666                 |            | .0196670                   | Z         | .0235126   | m            | .1000000             |
|   | n        | .1500000               | gam       | 51.49979              | b-al 34.417214              |            | 124.41724                  | phi       | 141.49981  |              | L THRUST             |
|   | ••       | •1,00000               | Postu     | 74.17717              | D-01 7-0-11 01-             | Oric       | 144 11 41                  | Pire      | 1410-47701 | <u></u> *    | III III(ODI          |
|   | N        | 2.0000000              | wl        | .2400000              | w2 .1500000                 | <b>w</b> 3 | .1100000                   | SF        | .1585970   | LFr          | .9710131             |
|   | PRA      | 1.1190586              | PRB       | .9659629              | PRC 1.308177                |            | .1733437                   | min       | .1493042   | max          | .1824837             |
|   | Si       | 2.411158               | SAB       | 2.444853              | Sf 3.089439                 |            | ·0240395                   |           | .0091400   |              | .1100000             |
|   |          |                        |           |                       |                             |            |                            | Z         | 141.49981  | m<br>O TESTE |                      |
|   | n        | .1500000               | gam       | 51.49979              | b-al 37.495138              | the        | 127.49516                  | phi       | 141,49901  | 2=1.EVE      | L THRUST             |
|   | N        | 2.0000000              | wl        | .2400000              | 150000                      | 7          | .1100000                   | SF        | •.1585970  | LFr          | .9425058             |
|   | PRA      | 1.1130932              | PRB       | .9584431              | w2 .1500000<br>PRC 1.386478 | w3         | .1518154                   | or<br>min | .1493042   |              | .1824837             |
|   | Si       | 2.238932               |           | 2.324879              | Sf 3.089439                 | L          |                            |           | .0306683   |              |                      |
|   |          |                        | SAB       |                       |                             | K          | .0025113                   | Z         |            |              | .1100000             |
|   | n        | .1500000               | gam       | 51.49979              | b-al 37.495138              | the        | 127.49516                  | phi       | 141.49981  | تا∨ئلىد≃>    | L THRUST             |
|   | N        | 2.0000000              | wl        | .2400000              | w2 .1600000                 | w3         | .0200000                   | SF        | .1399174   | IFr          | .9317551·            |
|   | PRA      | 1.0200000              | PRB       | 1.2428738             | PRC 1.1566720               |            | .2093086                   | min       | .1148932   |              | .2245089             |
|   |          |                        |           |                       |                             | L          |                            |           |            |              |                      |
|   | Si       | 2.849554               | SAB       | 2.149311              | Sf 3.089844                 | K          | .0944155                   | Z         | .0152003   |              | .0200000             |
|   | n        | .1600000               | gam       | 55.69865              | b-al 12.555675              | the        | 102.55570                  | phi       | 145.69867  | <-11€VE      | L THRUST             |
|   | M        | 2 0000000              | • • •     | oliooooo              |                             |            | 0700000                    | ~         | 11.222     | 7.5          | 01:0775              |
|   | N<br>PRA | 2.0000000              | Wl<br>DDB | .2400000<br>1.2063016 | w2 .1600000                 | w3         | .0300000                   | SF        | .1413155   | LFr          | •9423351<br>•9000116 |
|   | S1       | 2.849550               | PRB       |                       | PRC 1.1630223               | L          | 2132244                    | min       | .1224259   |              | .2220416             |
|   |          |                        | SAB       | 2.202139              | Sf 3.089503                 | K          | .0907986                   | 2         | .0088172   |              | .0300000             |
|   | n        | .1600000               | gam       | 55.69865              | b-al 15.121537              | the        | 105.12156                  | phi       | 1,45.69867 | Z-LEVE       | L THRUST             |
|   |          |                        |           |                       |                             |            |                            |           |            |              | -                    |

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|                     |  |  |                                    |              |  |                         | purg.  | 6                          |   |
|---------------------|--|--|------------------------------------|--------------|--|-------------------------|--|----------------------------|---|
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0378233<br>2.137163<br>.1600000 | wl .2400<br>PRB 1.1902<br>SAB 1.841<br>gam 55.69     | 2988 PRC 1.4096<br>1.293 Sf 3.0895 | 45 L<br>03 K | .0300000<br>.1241760<br>.0017502<br>105.12156  | SF<br>min<br>z<br>phi   | .1413155<br>.1224259<br>.0978656<br>,145.69867 | LFr<br>max<br>m<br>2-LEV   | .8561659<br>.2220416<br>.0300000<br>/EL THRUST        |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0400000<br>2.849550<br>.1600000 | wl .2400<br>PRB 1.1717<br>SAB 2.255<br>gam 55.69     | 248 PRC 1.16873<br>681 Sf 3.0890   | 65 L<br>14 K | .0400000<br>.2169628<br>.0874864<br>107.71887  | SF<br>min<br>z<br>phi   | •1432390<br>•1294764<br>•0021293<br>145•69867  | LFr<br>max<br>m<br>2-LEV   | .9537811<br>.2190922<br>.0400000<br>TEL THRUST        |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0491575<br>2.279634<br>.1600000 | wl .2400<br>PRB 1.1623<br>SAB 1.968<br>gam 55.69     | 781 PRC 1.34980<br>802 Sf 3.0890   | 03 L<br>14 K | .0400000<br>.1457234<br>.0162470<br>107.71887  | SF<br>min<br>z<br>phi   | .1432390<br>.1294764<br>.0733688<br>145.69867  | IFr<br>max<br>m<br>2-LEV   | .8812170<br>.2190922<br>.0400000<br>EL THRUST         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0592964<br>2.374628<br>.1600000 | w1 .2400<br>PRB 1.1309<br>SAB 2.070<br>gam 55.69     | 970 PRC 1.3186<br>789 Sf 3.0883    | 13 L<br>36 K | .0500000<br>.1611614<br>.0251372<br>110.35441  | SF<br>min<br>z<br>phi   | .1459284<br>.1360243<br>.0544786<br>145.69867  | IFr<br>max<br>m<br>· 2=LEV | .9027815<br>.2156400<br>.0500000<br>EL THRUST         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0691377<br>2.442468<br>.1600000 | wl .2400<br>PRB 1.1005<br>SAB 2.159<br>gam 55.69     | 327 PRC 1.29928<br>196 Sf 3.08743  | 31 L<br>37 K | .0600000<br>.1730347<br>.0309856<br>113.03531  | SF<br>min<br>z<br>phi   | .1493864<br>.1420491<br>.0386302<br>145.69867  | max m.                     | .9227371<br>.2116649<br>.0600000<br>EL THRUST         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0787988<br>2.493351<br>.1600000 | wl .2400<br>PRB 1.0720<br>SAB 2.239<br>gam 55.69     | 478 PRC 1.28556<br>355 Sf 3.08624  | 62 L<br>H K  | .0700000<br>.1826172<br>.0351062<br>115.77113  | SF<br>min<br>z<br>phi   | .1538105<br>.1475110<br>.0245095<br>145.69867  | LFr<br>max<br>m<br>2-LEV   | .9421969<br>.2071 <b>267</b><br>.0700000<br>EL THRUST |
| N<br>PRA<br>Si      | 2.0000000<br>1.0767352<br>2.216313<br>.1600000 | wl .24000<br>PRB 1.0549<br>SAB 2.074<br>gam 55.69    | 665 PRC 1.41023<br>432 Sf 3.08624  | 88 L<br>44 K | .0700000<br>.1479874<br>.0004764<br>115.77113  | SF<br>min<br>z<br>phi   | .1538105<br>.1475110<br>.0591393<br>145.69867  | IFr<br>max<br>m<br>2=LEV   | .9016323<br>.2071267<br>.0700000<br>ET. THRUST        |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0883055<br>2.532930<br>.1600000 | wl .2400<br>PRB 1.0458<br>SAB 2.314<br>gam 55.698    | 493 PRC 1.27454<br>128 Sf 3.08469  | 18 L<br>17 K | .0800000<br>.1906185<br>.0382416.<br>118.57161 | SF<br>min<br>z<br>phi   | .1593571<br>.1523770<br>.0113742<br>145.69867  | LFr<br>max<br>m<br>2-LEV   | .9617834<br>.2019927<br>.0800000                      |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0877787<br>2.279634<br>.1600000 | wl .24000<br>PRB 1.0326<br>SAB 2.1639<br>gam 55.698  | 578 PRC 1.38043<br>912 Sf 3.08469  | 7 L<br>7 K   | .0800000<br>.1589565<br>.0065796<br>118.57161  | SF<br>min<br>z<br>phi   | .1593571<br>.1523770<br>.0430362<br>145.69867  | LFr<br>max<br>m<br>2-LEV   | .9230824<br>.2019927<br>.0800000<br>EL THRUST         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0979940<br>2.331447<br>.1600000 | wl .24000<br>PRB 1.01150<br>SAB 2.2460<br>gam 55.698 | 071 PRC 1.35653<br>636 Sf 3.08271  | 7 L<br>5 K   | .0900000<br>.1683197<br>.0117193<br>121.44877  | SF<br>min<br>z<br>phi   | .1661644<br>.1566004<br>.0278965<br>145.69867  | LFr<br>max<br>m<br>2-LEVE  | .9447880<br>.1962162<br>.0900000<br>IL THRUST         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0200000<br>2.849550<br>.1700000 | wl .24000<br>PRB 1.2686<br>SAB 2.0999<br>gam 60.408  | 564 PRC 1.153416<br>+26 Sf 3.07208 | 1 L<br>3 K   | .0200000<br>.2217789<br>.0908488<br>102.55570  | SF<br>min '<br>z<br>phi | .1723442<br>.1309301<br>.0027300<br>150.40803  | LFr<br>max<br>m<br>2=LEVE  | .9535732<br>.2245089<br>.0200000<br>IL THRUST         |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0486932<br>2.279645<br>.1700000 | wl .24000<br>PRB 1.18140<br>SAB 1.9178<br>gam 60.408 | 035 PRC 1.35549<br>866 Sf 3.07125  | 9 L<br>3 K   | .0400000<br>.1581955<br>.0126822<br>107.71887  | SF<br>min<br>z<br>phi   | .1756659<br>.1455134<br>.0608967<br>150.40803  | LFr<br>max<br>m<br>2-LEVE  | .9003267<br>.2190922<br>.0400000<br>I THRUST          |
| N<br>PRA<br>Si<br>n | 2.0000000<br>1.0589319<br>2.374624<br>.1700000 | wl .24000<br>PRB 1.14938<br>SAB 2.0200<br>gam 60.408 | 386 PRC 1.32249<br>39 Sf 3.07057   | 3 L<br>6 K   | .0500000<br>.1736317<br>.0215705<br>110.35441  | SF<br>min<br>z<br>phi   | .1783543<br>.1520612<br>.0420084<br>150.40803  | LFr<br>max<br>m<br>2-LEVE  | .9229765<br>.2156400<br>.0500000                      |

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S. Sandarana (S. Sandara)

| N    | 2.0000000 | wl  | .2400000   | w2   | .1700000  | w3  | .0600000°         | SF   | .1818133  |       | .9438667   |
|------|-----------|-----|------------|------|-----------|-----|-------------------|------|-----------|-------|------------|
| PRA  | 1.0687617 | PRB | 1.1179477  | PRC  | 1.302321  | L   | .1855068          | min  | .1580861  |       | .2116649   |
| Si   | 2.442479  | SAB | 2.108400   | Sf   | 3.069677  | K   | .0274208          | z    | .0261580  |       | .0600000   |
| n    | .1700000  | gam | 60.40801   | b-al | 23.035286 | the | 113.03531         | phi  | 150.40803 |       | /EL THRUST |
| N    | 2.0000000 | wl  | • .2400000 | w2   | .1700000  | W3  | .0700000          | SF   | .1862373  | LFr   | .9641714   |
| PRA  | 1.0783696 | PRB | 1.0883632  | PRC  | 1.288314  | L   | .1950894          | mino | .1635479  | max   | .2071267   |
| Si   | 2.493362  | SAB | 2.188409   | Sf   | 3.068484  | K.  | .0315414          | z    | .0120374  | m     | .0700000   |
| n    | .1700000  | gam | 60.40801   | b-al | 25.771112 | the | 115.77113         | phi  | 150.40803 | 2=LEV | VEL THRUST |
| N    | 2.0000000 | wl  | .2400000   | w2   | .1700000  | w3  | .0800000          | SF   | .1917839  | LFr   | .9442406   |
| PRA  | 1.0854600 | PRB | 1.0457195  | PRC  | 1.390800  | L   | .1714287          | min  | .1684139  | max   | .2019927   |
| Si   | 2.279646  | SAB | 2.108750   | Sf   | 3.066937  | K   | .0030148          | z    | .0305640  | m     | .0800000   |
| n    | .1700000  | gam | 60.40801   | b-al | 28.571587 | the | 118.57161         | phi  | 150.40803 | 2-LEV | TI THRUST  |
| N    | 2.0000000 | wl  | .2400000   | w2   | .1800000  | w3  | .0400000          | SF   | .2178564  | LFr   | .9247856   |
| PRA  | 1.0480210 | PRB | 1.2018082  | PRC  | 1.367336  | L   | .1741619          | min  | .1652837  | max   | .2190922   |
| Si   | 2.279640  | SAB | 1.852463   | Sf   | 3.044106  | K   | .0088782          | z    | .0449302  | m     | .0400000   |
| n    | .1800000  | gam | 65.92930   | b-al | 17.718849 | the | 107.71887         | phi  | 155.92932 | 2-LEV | EL THRUST  |
| N    | 2.0000000 | wl  | .2400000   | w2   | .1800000  | w3  | .0500000          | SF   | .2205458  | LFr   | .9487019   |
| PRA  | 1.0584139 | PRB | 1.1690064  | PRC  | 1.331722  | L   | .1895981          | min  | .1718316  | max   | .2156400   |
| Si   | 2.374619  | SAB | 1.954937   | Sf   | 3.043429  | K   | .01 <b>7</b> 7666 | z    | .0260419  | m     | .0500000   |
| n    | .1800000  | gam | 65.92930   | b-al | 20.354385 | the | 110.35441         | phi  | 155.92932 | 2-LEV | TEL THRUST |
| N    | 2.0000000 | wl  | .2400000   | w2   | .1800000  | w3  | .0600000          | SF   | .2240038  | LFr   | .9707022   |
| PRA. | 1.0682464 | PRB | 1.1363985  | PRC  | 1.310323  | L   | .2014733          | min  | .1778564  | max   | .2116649   |
| Si   | 2.442473  | SAB | 2.043271   | Sf   | 3.042530  | K   | .0236169          | z    | .0101916  | m     | .0600000   |
| n    | .1800000  | gam | 65.92930   | b-al | 23.035286 | the | 113.03531         | phi  | 155.92932 | 2-LEV | EL THRUST  |

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| N<br>PRA<br>Si<br>n | 3.000000<br>1.0200000<br>4.348129<br>.0577350    | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0034334<br>3.582415<br>12.486886 | w2<br>PRC<br>Sf<br>b-al | .0500000<br>.1.0195766<br>3.181842<br>7.766312 | w3<br>L<br>K<br>the  | .0200000<br>.1536598<br>.1078619<br>97.766335   | SF<br>min<br>z<br>phi   | .0119696<br>.0457980<br>.1744477<br>102.48691 | LFr<br>max<br>m          | .4548273<br>.3550947<br>.0230940               |
|---------------------|--|-------------------------|--|-------------------------|--|----------------------|---|-------------------------|---|--------------------------|--|
| PRA<br>S1<br>n      | *3.0000000<br>1.0200000<br>6.522200<br>.0577350  | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9890069<br>4.739100<br>12.486886  | w2<br>PRC<br>Sf<br>b-al | .0500000<br>1.0141071<br>3.187418<br>9.332330  | w3'<br>L<br>K<br>the | •0300000<br>•3362446<br>•2861883<br>99•332353   | SF<br>min<br>z<br>phi   | .0136595<br>.0500563<br>.0100126<br>102.48691 | IFr<br>max<br>m          | .5805893<br>.3478061<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348120<br>.0577350   | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9857348<br>3.652060<br>12.486886  | w2<br>PRC<br>Sf<br>b-al | .0500000<br>1.0141071<br>3.187418<br>9.332330  | w3<br>L<br>K<br>the  | .0300000<br>.1550713<br>.1050149<br>99.332353   | SF<br>min<br>z<br>phi   | .0136595<br>.0500563<br>.1669133<br>102.48691 | LFr<br>max<br>m          | .4698649<br>.3478061<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0399448<br>3.261092<br>.0577350   | wl<br>PRB<br>SAB<br>gem | .1000000<br>.9815155<br>3.108366<br>12.486886  | Sf                      | .0500000<br>1.0447437<br>3:187418<br>9.332330  | w3<br>L<br>K<br>the  | .0300000<br>.0644856<br>.0144292<br>99.332353   | SF<br>min<br>z<br>phi   | .0136595<br>.0500563<br>.2453628<br>102.48691 | LFr<br>max<br>m<br>2-LEV | .4145031<br>.3478061<br>.0346410<br>/EL THRUST |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0200000<br>4.348122<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0166950<br>3.561843<br>14.077758 | w2<br>PRC<br>Sf<br>b-al | .0600000<br>.9967032<br>3.199613<br>7.766312   | w3<br>L<br>K<br>the  | .0200000<br>.1570873<br>.1031597<br>97.766335   | SF<br>min<br>z<br>phi   | .0161934<br>.0539276<br>.1714794<br>104.07778 | LFr<br>max<br>m          | .4677477<br>.3550947<br>.0230940               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>6.522171<br>.0692820   | wl<br>PRB<br>SAB<br>gem | .1000000<br>.9974650<br>4.718517<br>14.077758  | w2<br>PRC<br>Sf<br>b-al | .0600000<br>.9937039<br>3.205189<br>9.332330   | w3<br>L<br>K<br>the  | .0300000<br>.3396702<br>.2814842<br>99.332353   | SF<br>min<br>z<br>phi   | .0178833<br>.0581860<br>.0070459<br>104.07778 | LFr<br>mex<br>m          | .6073933<br>.3478061<br>.0346410               |
| N<br>PRA<br>Si      | 3.0000000<br>1.0300000<br>4.348114<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9967062<br>3.631488<br>14.077758  | w2<br>PRC<br>Sf<br>b-al | .0600000<br>.9937039<br>3.205189<br>9.332330   | w3<br>L<br>K<br>the  | .0300000<br>.1584988<br>.1003128                | SF<br>min<br>z<br>phi   | .0178833<br>.0581860<br>.1639450<br>104.07778 | LFr<br>mex<br>m          | .4828291<br>.3478061<br>.0346410               |
| N<br>PRA<br>SJ.     | 3.0000000<br>1.0394294<br>3.261086<br>:0692820   | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9911513<br>3.086113<br>14.077758  | w2<br>PRC<br>Sf<br>b-al | .0600000<br>1.0478566<br>3.205189<br>9.332330  | w3<br>L<br>K<br>the  | : .0300000<br>.0679131<br>.0097270<br>99.332353 | SF<br>min<br>z<br>phi   | .0178833<br>.0581860<br>.2423945<br>104.07778 | LFr<br>max<br>m<br>2-LEV | .4205465<br>.3478061<br>.0346410<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.030000<br>5.797497<br>.0692820    | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9836863<br>4.426526<br>14.077758  | w2<br>PRC<br>Sf<br>b-al | .0600000<br>.9882732<br>3.213566<br>10.905430  | w3<br>L<br>K<br>the  | .0400000<br>.2805767<br>.2184102<br>100.90545   | SF<br>min<br>z<br>phi   | .0201512<br>.0621665<br>.0516695<br>104.07778 | LFr<br>max<br>m          | •5910215<br>•3402395<br>•0461880               |
| N<br>PRA<br>Si      | 3.0000000<br>1.0400000<br>4.348103<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9804926<br>3.701829<br>14.077758  | w2<br>PRC<br>Sf<br>b-al | .0600000<br>.9882732<br>3.213566<br>10.905430  | w3<br>L<br>K<br>the  | .0400000<br>.1597939<br>.0976274<br>100.90545   | SF<br>min<br>z<br>phi   | .0201512<br>.0621665<br>.1562706<br>104.07778 | . IFr<br>max<br>m        | .4987507<br>.3402395<br>.0461880               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>· 3.478489<br>.0692820 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9773444<br>3.267022<br>14.077758  | Sf                      | .0600000<br>1.0064391<br>3.213566<br>10.905430 | w3<br>L<br>K<br>the  | .0400000<br>.0873261<br>.0251596<br>100.90545   | SF<br>min<br>z<br>phi   | .0201512<br>.0621665<br>.2190295<br>104.07778 | LFr<br>max<br>m<br>2-LEV | .4433889<br>.3402395<br>.0461880<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348108<br>.0808290   | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0307072<br>3.540131<br>15.680121 | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9770866<br>3.225633<br>7.766312   | w3<br>L<br>K<br>the  | .0200000<br>.1607037<br>.0983416<br>97.766335   | . SF<br>min<br>z<br>phi | .0216284<br>.0623621<br>.1683476<br>105.68014 | LFr<br>max<br>m          | .4807711<br>.3550947<br>.0230940               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>6.522180<br>.0808290   | WI<br>PRB<br>SAB<br>gam | .1000000<br>1.0070773<br>4.696816<br>15.680121 | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9754484<br>3.231208<br>9.332330   | w3<br>L<br>K<br>the  | .0300000<br>.3432884<br>.2766680<br>99.332353   | SF<br>min<br>z<br>phi   | .0233183<br>.0666205<br>.0039124<br>105.68014 | LFr<br>max<br>m          | .6343174<br>.3478061<br>.0346410               |

|                       |  |                         |  |                         |  |                     |  |                       |   |                             | 0  |
|-----------------------|--|-------------------------|--|-------------------------|--|---------------------|--|-----------------------|---|-----------------------------|--|
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0300000<br>4.348123<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0092085<br>3.609788<br>15.680121 | w2<br>PRC<br>Sf<br>b-al | •0700000<br>•9754484<br>3•231208<br>9•332330   | w3<br>L<br>K<br>the | .0300000<br>.1621170<br>.0954966<br>99.332353  | SF<br>min<br>z<br>phi | .0233183<br>.0666205<br>.1608115<br>105.68014 | IFr<br>max<br>m             | .4959126<br>.3478061<br>.0346410               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0382590<br>3.261094<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0008062<br>3.060596<br>15.680121 | w2<br>PRC<br>Sf<br>b-al | .0700000<br>1.0548945<br>3.231208<br>9.332330  | w3<br>L<br>K<br>the | .0300000<br>.0715313<br>.0049109<br>99.332353  | SF<br>min<br>z<br>phi | .0233183<br>.0666205<br>.2392610<br>105.68014 | LFr<br>max<br>m<br>2-LE     | .4267101<br>.3478061<br>.0346410<br>VEL THRUST |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0300000<br>5.797483<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9920494<br>4.404814<br>15.680121  | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9726360<br>3.239585<br>10.905430  | w3<br>L<br>K<br>the | .0400000<br>.2841931<br>.2135921<br>100.90545  | SF<br>min<br>z<br>phi | .0255861<br>.0706009<br>.0485377<br>105.68014 | IFr<br>max<br>m             | .6134024<br>.3402395<br>.0461880               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0400000<br>4.348111<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9904838<br>3.680128<br>15.680121  | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9726360<br>3.239585<br>10.905430  | w3<br>L<br>K<br>the | .0400000<br>.1634121<br>.0928112<br>100.90545  | SF<br>min<br>z<br>phi | .0255861<br>.0706009<br>.1531371<br>105.68014 | IFr<br>max<br>m             | .5119057<br>.3402395<br>.0461880               |
| N<br>PRA<br>Si<br>. n | 3.0000000<br>1.0499682<br>3.478498<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9865086<br>3.245211<br>15.680121  | w2<br>PRC<br>Sf<br>b-al | .0700000<br>1.0119188<br>3.239585<br>10.905430 | w3<br>L<br>K<br>the | .0400000<br>.0909443*<br>.0203434<br>100.90545 | SF<br>min<br>z<br>phi | .0255861<br>.0706009<br>.2158960<br>105.68014 | LFr<br>max<br>· m.<br>2-LEV | .4510079<br>.3402395<br>.0461880<br>VEL THRUST |
| N<br>PRA<br>Si<br>n   | 3.000000<br>1.040000<br>5.435148<br>.0808290   | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9787436<br>4.294678<br>15.680121  | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9676383<br>3.251834<br>12.486886  | w3<br>L<br>K<br>the | .0500000<br>.2551804<br>.1808814<br>102.48691  | SF<br>min<br>z<br>phi | .0288868<br>.0742990<br>.0668660<br>105.68014 | LFr<br>max<br>. m           | .6121273<br>.3323906<br>.0577350               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0500000<br>4.348120<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9756638<br>3.751164<br>15.680121  | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9676383<br>3.251834<br>12.486886  | w3<br>L<br>K<br>the | .0500000<br>.1645947<br>.0902957<br>102.48691  | SF<br>min<br>z<br>phi | .0288868<br>.0742990<br>.1453156<br>105.68014 | LFr<br>max<br>m             | •5290842<br>•3323906<br>•0577350               |
| N<br>PRA<br>Si<br>n   | 3.000000<br>1.060000<br>3.623434<br>.0808290   | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9724764<br>3.388821<br>15.680121  | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9867352<br>3.251834<br>12.486886  | w3<br>L<br>K<br>the | .0500000<br>.1042042<br>.0299052<br>102.48691  | SF<br>min<br>z<br>phi | .0288868<br>.0742990<br>.1976153<br>105.68014 | LFr<br>max<br>m<br>2-LEV    | .4737225<br>.3323906<br>.0577350<br>TEL THRUST |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0200000<br>4.348131<br>.0923761 | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0452430<br>3.517288<br>17.295137 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9623525<br>3.265309<br>7.766312   | w3<br>L<br>K<br>the | .0200000<br>.1645146<br>.0934168<br>97.766335  | SF<br>min<br>z<br>phi | .0285158<br>.0710978<br>.1650473<br>107.29516 | LFr<br>max<br>m             | .4939308<br>.3550947<br>.0230940               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0200000<br>6.522179<br>.0923761 | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0173465<br>4.673962<br>17.295137 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9615384<br>3.270885<br>9.332330   | w3<br>L<br>K<br>the | .0300000<br>.3470974<br>.2717412<br>99.332353  | SF<br>min<br>z<br>phi | .0302067<br>.0753562<br>.0006137<br>107.29516 | IFr<br>max<br>m             | .6613903<br>.3478061<br>.0346410               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0300000<br>4.348122<br>.0923761 | wl<br>PRB<br>SAB<br>gam | .1000000<br>1.0226035<br>3.586933<br>17.295137 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9615384<br>3.270885<br>9.332330   | w3<br>L<br>K<br>the | .0300000<br>.1659260<br>.0905698<br>99.332353  | SF<br>min<br>z<br>phi | .0302067<br>.0753562<br>.1575128<br>107.29516 | ifr<br>max<br>m             | .5091448<br>.3478061<br>.0346410               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0300000<br>5.797505<br>.0923761 | wl<br>PRB<br>SAB<br>gem | .1000000<br>1.0018590<br>4.381971<br>17.295137 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9601844<br>3.279261<br>10.905430  | w3<br>L<br>K<br>the | .0400000<br>.2880039<br>.2086673<br>100.90545  | SF<br>min<br>z<br>phi | .0324745<br>.0793367<br>.0452374<br>107.29516 | LFr<br>max<br>m             | .6359491<br>.3402395<br>.0461880               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0400000<br>4.348111<br>.0923761 | SAB                     | .1000000<br>1.0022273<br>3.657274<br>17.295137 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9601844<br>3.279261<br>10.905430  | w3<br>L<br>K<br>the | .0400000<br>.1672211<br>.0878844<br>100.90545  | SF<br>min<br>z<br>phi | .0324745<br>.0793367<br>.1498384<br>107.29516 | LFr<br>max<br>m             | •5252237<br>•3402395<br>•0461880               |
|                       |  |                         |  |                         |  |                     |  |                       |   |                             |  |

|          |                        |                              |                  |         |                   |           |                           | ٥          |                                  |
|----------|------------------------|------------------------------|------------------|---------|-------------------|-----------|---------------------------|------------|----------------------------------|
| NT       | z 0000000              | wl .1000000                  | w2 .0800000      | w3      | .0400000          | SF        | .0324745                  | LFr        | .4587898                         |
| N        | 3.0000000              |                              |                  |         |                   | min       |                           |            |                                  |
| PRA      | 1.0495423              | PRB .9902904                 | PRC 1.0219187    | L       | •0947533          |           | •0793367                  | max        | 3402395                          |
| Si       | 3.478497               | SAB 3.220874                 | Sf 3.279261      | K       | .0154166          | Z         | .2125974                  | m          | •0461880                         |
| n        | .0923761               | gam 17.295137                | b-al 10.905430   | the     | 100.90545         | phi       | 107.29516                 | 2-LE       | VEL THRUST                       |
|          |                        |                              |                  |         |                   |           |                           |            |                                  |
| N        | 3.0000000              | wl .1000000                  | w2 :0800000      | w3      | .0500000          | SF        | .0357752                  | LFr        | .6324644                         |
| PRA      | 1.0400000              | PRB .9866472                 | PRC .9578969     | L       | .2589893          | min       | .0830347                  | max        | .3323906                         |
| Si       | 5.435148               | SAB 4.271824                 | Sf 3.291510      | K       | 1759546           | Z         | .0635674                  | m          | •0577350                         |
|          |                        |                              |                  |         |                   |           |                           | m          | ٥٧١١٧٥                           |
| n        | •0923761               | gam 17.295137                | b-al 12.486886   | the     | 102.48691         | phi       | 107.29516                 |            |                                  |
|          |                        |                              |                  |         |                   |           |                           |            |                                  |
| N        | 3.0000000              | wl .1000000                  | w2 .0800000      | w3      | 0500000           | SF        | .0357752                  | LFr        | •5425015                         |
| PRA      | 1.0500000              | PRB .9847007                 | PRC .9578969     | L       | .1684036          | min       | .0830347                  | max        | .3323906                         |
| Si       | 4.348119               | SAB 3.728309                 | Sf 3.291510      | K       | .0853689          | z         | 1420169                   | • m        | .0577350                         |
| n        | .0923761               |                              | b-al 12.486886   | the     | 102.48691         | phi       | 107.29516                 |            | 00711770                         |
| 11       | 101(360                | gam 17.295137                | D-a1 12.400000   | OHE     | 102.40091         | piii      | 101.29710                 |            |                                  |
|          |                        |                              |                  |         |                   | -         |                           |            | 100000                           |
| N        | 3.0000000              | wl .1303000                  | w2 .0800000      | ₩3      | •0500000          | SF        | -0357752                  | LFr        | .4825258                         |
| PRA      | 1.0599518              | PRB .9804470                 | PRC 9974332      | L       | .1080132          | min       | .0830347                  | max        | •3323906                         |
| Si       | 3.623434               | SAB 3.365791                 | Sf 3.291510      | K       | .0249784          | Z         | <b>.</b> 19431 <b>6</b> 6 | m          | .0577350                         |
| n        | .0923761               | gam 17.295137                | b-al 12.486886   | the     | 102.48691         | phi       | 107.29516                 | 2-LEV      | EL THRUST                        |
|          | •0)[](01               | 20mm = 1 = 1 > 1 > 1         | D-411 111 (00000 | 0110    | 202, 100,2        | F         |                           | •          |                                  |
| M        | Z 0000000              | **1 1000000                  | **3 0B00000      | 7       | 0600000           | CID       | .0399647                  | LFr        | .6382074                         |
| N        | 3.0000000              | wl .1000000                  | w2 •0800000      | w3      | .0600000          | SF        |                           |            |                                  |
| FRA      | 1.050000               | PRB 19741502                 | FR0 9558155      | D.      | APPLICATION OF    | m.n       | 0004519                   | TIEL.      | 3242608                          |
| Si       | 5.217735               | SAB 4.234809                 | Sf 3.309281      | K       | .1554915          | Z         | .0712890                  | m          | .0692820                         |
| n        | .0923761               | gam 17.295137                | b-al 14.077758   | the     | 104.07778         | phi       | 107.29516                 |            |                                  |
|          |                        |                              |                  |         |                   |           |                           |            |                                  |
| N        | 3.0000000              | wl .1000000                  | w2 .0800000      | w3      | •0600000          | SF        | .0399647                  | LFr        | •5607014                         |
| PRA      | 1.0600000              | PRB .9711924                 | PRC .9538153     | L       | .1694756          | min       | .0864519                  | max        | .3242608                         |
| Si       | 4.348121               |                              |                  | K       | .0830237          |           | 1340479                   |            | .0692820                         |
|          |                        |                              |                  |         |                   | Z         |                           | m          | •0092020                         |
| n        | •0923761               | gam 17.295137                | b-al 14.077758   | the     | 104.07778         | phi       | 107.29516                 |            |                                  |
| -2       |                        |                              |                  |         | 0                 | 200       |                           | 252        |                                  |
| N        | 3.0000000              | MT •T000000                  | MS •0000000      | Wኃ      | •0600000          | SF        | .0399647                  | LFr        | •5053396                         |
| PRA      | 1.0699634              | PRB .9675275                 | PRC •9802435     | L       | .11 <b>7</b> 7120 | min       | .0864519                  | max        | 3242608                          |
| Si       | 3.726959               | SAB 3.489284                 | Sf 3.309281      | K       | .0312602          | Z         | .1788765                  | m          | •0692820                         |
| n        | .0923761               | gam 17.295137                | b-al 14.077758   | the     | 104.07778         | phi       | 107.29516                 | 2-LEV      | EL THRUST                        |
|          | ,                      | 010-57-51                    |                  |         |                   |           |                           |            |                                  |
| N        | 3,0000000              | wl .1200000                  | w2 .0400000      | w3      | •0200000          | SF        | .0084076                  | LFr        | •5093727                         |
| PRA      | 1.0200000              | PRB .9913049                 | PRC 1.0864870    | L       | .1610031          | min       | 0381405                   | max        | 3348941                          |
| Si       | 4.348109               |                              | Sf 3.160544      | K       | .1228627          |           | 1505940                   |            | 0230940                          |
|          |                        |                              | 1 1              |         | _ '               | Z         |                           | m.         | •02)0340                         |
| n        | .0461880               | gam 11.536921                | b-al 8.213082    | the     | 98.213105         | phi       | 101.53694                 |            |                                  |
|          |                        |                              | , <b>,</b>       |         |                   |           | 01 6                      |            | 1 -1                             |
| N        | 3.0000000              | wl .1200000                  | w2 .0400000      | w3      | •0200000          | SF        | .0084076                  | LFr        | 4540110                          |
| PRA      | 1.0286545              | ERE 198459119                | FRO 1,1424490    | L       | 40408888          | nin       | .0581105                  | 1058       | 7,48,41                          |
| Si       | 2.898737               | SAB 2.809748                 | Sf 3.160544      | K       | .0020817          | z         | .2551934                  | m          | .0230940                         |
| n        | .0461880               | gam 11.536921                | b-al 8.213082    | the     | 98.213105         | phi       | 101.53694                 |            | EL THRUST                        |
|          |                        | 0                            |                  |         | ,,                | •         |                           |            |                                  |
| N        | 3.0000000              | 1,000000                     | ••0              | 7       | 000000            | CID       | .0114851                  | T Elec     | E030013                          |
| PRA      | 1.0200000              | wl .1200000                  | w2 .0500000      | w3      | .0200000          | SF        |                           | LFr        | •5230913                         |
|          |                        | PRB 1.0034959                | PRC 1.0580777    | L       | .1643353          | min       | .0461121                  | max        | .3348941                         |
| Si       | 4.348117               | SAB 3.518350                 | Sf 3.168431      | K       | .1182232          | Z         | .1477083                  | m          | .0230940                         |
| n        | .0577350               | gam 13.212954                | b-al 8.213082    | the     | 98.213105         | phi       | 103.21.298                |            |                                  |
|          |                        |                              |                  |         |                   |           |                           |            |                                  |
| N        | 3.0000000              | wl .1200000                  | w2 .0500000      | w3      | .0300000          | SF        | .0131121                  | LFr        | •5389958                         |
| PRA      | 1.0300000              | PRB *.9854809                | PRC 1.0515191    | L       | .1657105          | min       | .0502829                  | max        | .3275180                         |
| Si       | 4.348117               | SAB 3.588222                 | Sf 3.172185      | ĸ       | .1154276          | • Z       | 1401294                   | m          | .0346410                         |
| n        | .0577350               | gem 13.212954                | b-al 9.870816    | the     | 99.870839         | phi       | 103.21298                 | -          | 20).3120                         |
|          | 10711770               | 0 - 1) = L1L7)+              | n-ar 3.0100TO    | OTTE    | 79.010073         | Prir      | 107.61670                 |            |                                  |
| N        | 3.0000000              | wl .1200000                  | w2 .0500000      | w3      | .0300000          | SF        | .0131121                  | LFr        | .4836340                         |
| PRA      | 1.0400000              |                              |                  |         |                   |           |                           |            |                                  |
|          |                        |                              | PRC 1.0600976    | L       | .0751248          | min       | .0502829                  | max        | .3275180                         |
| Si.      | 3.261089               | SAB 3.044708                 | Sf 3.172185      | K       | .0248419          | Z -       | .2185789                  | m          | .0346410                         |
| n        | •057 <b>7</b> 350      | gam 13.212954                | b-al 9.870816    | the     | 99.870839         | phi       | 103.21298                 | 2-LEV      | EL THRUST                        |
|          |                        |                              |                  |         |                   |           |                           |            |                                  |
|          |                        |                              |                  |         |                   |           |                           |            |                                  |
| N_       | 3.0000000              | wl .1200000                  | w2 .0600000      | w3      | .0200000          | SF        | .0154820                  | LFr        | .5368948                         |
| N<br>PRA | 3.0000000<br>1.0200000 | wl .1200000<br>PRB 1.0170035 |                  | w3<br>L |                   | SF<br>min |                           | LFr<br>max | .5368948<br>.3348941             |
| PRA      | 1.0200000              | PRB 1.0170035                | PRC 1.0310317    | L       | .1678524          | min       | .0543860                  | max        | .3348941                         |
|          |                        |                              |                  |         |                   |           |                           |            | •5368948<br>•3348941<br>•0230940 |

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| 47         | 7 0000000               | 7         | 1000000           | w2 .060000                   | 00 w3        | .0300000              | SF    | .0171089             | LFr     | .5528526    |
|------------|-------------------------|-----------|-------------------|------------------------------|--------------|-----------------------|-------|----------------------|---------|-------------|
| N          | 3.0000000               | wl        | .1200000          |                              |              |                       |       |                      |         |             |
| PRA        | 1:0300000               | PRB       | •9966468          | PRC 1.027179                 | _            | .1692276              | min   | .0585569             | mex     | 3275180     |
| Si         | 4.348116                | SAB       | 3.567117          | Sf 3.18320                   | 4            | .1106707              | Z     | .1370835             | m       | .0346410    |
| n          | •0692820                | gan       | 14.900327         | b-al 9.8708]                 | 6 the        | 99.870839             | phi   | 104.90035            |         |             |
|            |                         |           |                   |                              |              |                       |       |                      |         |             |
| N          | 3.0000000               | wl        | .1200000          | w2 .060000                   | 00 w3        | •0300000              | SF    | .0171089             | LFr     | •4905701    |
| PRA        | 1.0400000               | PRB       | .9944661          | PRC 1.05864                  | 17 L         | .0786419              | min   | •0585569             | max     | .3275180    |
| Si         | 3.261087                | SAB       | 3.023603          | Sf 3.18320                   | )8 K         | .0200850              | Z     | .2155330             | m       | .0346410    |
| 'n         | .0692820                | gam       | 14.900327         | b-al 9.87081                 | 6 the        | 99.870839             | phi   | 104.90035            | 2-LE    | VEL THRUST  |
|            |                         |           |                   |                              |              |                       |       |                      |         |             |
| N          | 3.0000000               | wl        | .1200000          | w2 .060000                   | 00 w3        | .0400000              | SF    | .0192804             | IFr     | .6619425    |
| PRA        | 1.0300000               | PRB       | .9834465          | PRC 1.020376                 |              | .2912636              | min   | .0624334             | mex     | .31.98475   |
| Si         | 5.797505                | SAB       | 4.362413          | Sf 3.18874                   |              | .2288302              | z     | .0247544             | m       | .0461880    |
| n          | .0692820                | gam       | 14.900327         | b-al 11.53692                | -            | 101.53694             | phi   | 104.90035            | •       | *0+01000    |
| ••         | •00)2020                | Pom       | 14.000 JE         | 0-G1 110//0/L                | .I VIIC      | 1016/7/094            | Pill  | 104.0000             |         |             |
| N.         | <b>7</b> 0000000        | 1         | 1000000           | 0 060000                     | 07           | oliococo              | CTT   | 100001               | T 75-0  | 5606776     |
| N DDA      | 3.0000000               | wl        | .1200000          | w2 .060000                   |              | .0400000              | SF    | .0192804             | LFr     | •5696716    |
| PRA        | 1.0400000               | PRB       | .9801487          | PRC 1.020376                 | •            | .1704807              | min   | .0624334             | max     | .3198475    |
| 51         | 4.348110                | SAB       | 3.63 <b>7</b> 715 | Sf 3.18874                   | -            | .1080473              | Z     | .1293554             | m       | .0461880    |
| n          | 0692820                 | gam       | 14.900327         | b-al 11.53692                | the          | 101.53694             | phi   | 104.90035            |         |             |
|            |                         |           | 1000000           | 0 0/0000                     |              | alianana              | corr. | 07.000001            |         | 51 i 7000   |
| N          | 3.0000000               | Wl        | .1200000          | w2 .060000                   |              | •0400000              | SF    | .0192804             | LFr     | .5143099    |
| PRA        | •1 <sub>0</sub> 0500000 | PRB       | •9774538          | PRC 1.020376                 |              | .0980129              | min   | .0624334             | max     | .3198475    |
| Si         | 3-478497                | SAB       | 3.202909          | Sf 3.18874                   | 3 K          | •0355795              | Z     | .1921144             | m       | •0461880    |
| n          | •0692820                | gam       | 14.900327         | b-al 11.53692                | 1 the        | 101.53694             | phi   | 104.90035            |         |             |
| •          |                         |           |                   |                              |              |                       |       |                      |         | 4           |
| N.         | • 3.0000000             | wl        | .1200000          | w2 .070000                   | 0 w3         | .0200000              | SF    | .0205727             | LFr     | •5508165    |
| PRA        | 1.0200000               | PRB       | 1.0312834         | PRC 1.006341                 | l L          | .1715717              | min   | .0629828             | max     | .3348941    |
| Si         | 4.348106                | SAB.      | 3.474920          | Sf 3.19471                   |              | .1085890              | Z     | .1414413             | m       | .0230940    |
| n          | 0808290                 | gem       | 16.601296         | b-al 8.21308                 |              | 98.213105             | phi   | 106.60132            |         |             |
|            |                         | 0         |                   |                              |              | ,.,.,,,,              | F     |                      |         |             |
| N          | 3.0000000               | wl        | .1200000          | w2 .070000                   | 0 w3         | .0300000              | SF    | .0221996             | LFr     | •5668488    |
| PRA        | 1.0300000               | PRB       | 1.0093773         | PRC 1.003988                 |              | .1729489              | min   | .0671536             | max     | .3275180    |
| Si         | 4.348129                | SAB       | 3.544803          | Sf 3.19846                   |              | .1057953              | Z     | .1338608             | m       | 0346410     |
| n          | 0808290                 | gam       | 16.601296         | b-al 9.87081                 |              | 99.870839             | phi   | 106.60132            |         | •0710410    |
|            | •0000270                | Pom       | 10.001290         | D-air 9.01001                | o one        | 99.0100)9             | PILL  | 100.001)2            |         |             |
| N          | 3.0000000               | wl        | .1200000          | w2 .070000                   | 0 <b>w</b> 3 | .0300000              | SF    | .0221996             | LFr     | .4976454    |
| PRA        | 1.0400009               | PRB       | 1.0059851         | PRC 1.059360                 | -            | .0823612              | min   | .0671536             | max     | 3275180     |
| Si         | 3.261077                | SAB       | 3.001279          | Sf 3.19846                   |              | .0152076              | Z     | .2123120             | m       | 0346410     |
| n          | 0808290                 | gam       | 16.601296         | b-al 9.870810                | · .          | 99.870839             | phi   | 106.60132            |         | EL THRUST   |
| ••         | •0000290                | Seni      | 10.001590         | D-a1 9.010010                | o the        | 33.010033             | PHIL  | 100.00172            | Z=11111 | III III/ODI |
| N          | 3.0000000               | wl        | .1200000          | w2 .0700000                  | ) w3         | .0400000              | SF    | .0243712             | LFr     | .6852465    |
| PRA        | 1.0300000               | PRB       | •9919308          | PRC 1.000051                 |              | 2949829               | min   | .0710301             |         | 3198475     |
| Si         | 5.797495                | SAB       | 4.340087          | Sf 3.20400                   |              |                       |       |                      | max     | .046.1880   |
| n          | .0808290                | gam       | 16.601296         | b-al 11.53692                |              | .2239528<br>101.53694 | Z     | .0215333             | m       | •040.TOO    |
| **         | •0000290                | Som       | 10.001290         | 0-a1 11.77092.               | r cue        | 101.77094             | phi   | 106.60132            |         |             |
| N          | 3.0000000               | 7         | .1200000          | w2 .0700000                  | 7            | .0400000              | SF    | .0243712             | T 10-   | .5837498    |
| PRA        | 1.0400000               | wl<br>PRB |                   | w2 .0700000<br>PRC 1.0000511 |              | .1742020              | min   |                      | LFr     |             |
|            | 4.348123                |           |                   |                              |              | •                     |       | .0710301             | max     | ·3198475    |
| S <b>1</b> |                         | SAB       | 3.615401          | Sf 3.20400                   |              | .1031719              | z     | .1261327             | m       | .0461880    |
| n          | .0808290                | gam       | 16.601296         | b-al .11.536921              | L the        | 101.53694             | phi   | 106.60132            |         |             |
| N          | 7 0000000               |           | 1,000,000         | 0 070000                     | 7            | aliaaaaa              | cm.   | 001.773.0            | T 173   | E000E00     |
| PRA        | 3.0000000               | Wl        | .1200000          | w2 .0700000                  |              | .0400000              | SF    | .0243712             | LFr     | .5228500    |
| Si         | 1.0500000               | FRB       | .9883940          | PRC 1.0191915                |              | .1017323              | min   | .0710301             | MAX     | -3198475    |
|            | 3.478487                | SAB       | 3.180583          | Sf 3.20400]                  |              | .0307022              | z     | .1888933             | m       | .0461880    |
| n          | .0808290                | gem       | 16.601296         | b-al 11.536921               | L the        | 101.53694             | phi   | 106.60132            | 2-LEV   | el thrust   |
| N          | 3 0000000               | ••1       | 1200000           | 0 070000                     | 7            | 0500000               | CTT-  | 0075175              | T 173   | 601,0000    |
| PRA        | 1.0400000               | wl        | .1200000          | w2 .0700000                  |              | .0500000              | SF    | .0275135             | LFr     | .6848898    |
|            |                         | PRB       | .9784198          | PRC .9933031                 |              | .2659207              | min   | .0746055             | max     | .3118758    |
| Si<br>n    | 5.435147                | SAB       | 4.230235          | Sf 3.211888                  |              | .1913152              | Z     | .0397984             | m :     | •0577350    |
| n          | •0808290                | gem       | 16.601296         | b-al 13.212954               | the          | 103.21298             | phi   | 106.60132            |         |             |
| N          | 7 0000000               |           | 10000             |                              |              |                       |       |                      |         | (*** 0)     |
| N<br>PRA   | 3.0000000               | wl        | .1200000          | w2 .0700000                  |              | .0500000              | SF    | .0275135<br>.0746055 | LFr     | -6018477    |
|            | 1.0500000               | PRB       | .9752383          | PRC .9933031                 |              | 1753349               | min   |                      | mex     | .3118758    |
| Si         | 4.348119                | SAB       | 3.686721          | Sf 3.211888                  |              | .1007295              | Z     | .1182479             | m       | •0577350    |
| n          | •0808290                | gam       | 16.601296         | b-al 13.212954               | the          | 103.21298             | phi   | 106.60132            |         | 3-          |
|            |                         |           |                   |                              |              |                       | _     |                      |         |             |

|                     | •  |   |   |                       |   |                       |   |                          |  |
|---------------------|--|---|---|-----------------------|---|-----------------------|---|--------------------------|--|
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0600000<br>3.623433<br>.0808290 | wl .1200000<br>PRB .9725209<br>SAB 3.324378<br>gam 16.601296  | w2 .0700000<br>PRC .9934614<br>Sf 3.211888<br>b-al 13.212954  | W3<br>L<br>K<br>the   | .0500000<br>.1149445<br>.0403390<br>103.21298 | SF<br>min<br>z<br>phi | .0275135<br>.0746055<br>.1705476<br>106.60132 | LFr<br>max<br>m          | •5464850<br>•3118758<br>•0577350<br>VEL THRUST |
| N<br>PRA<br>Si      | 3.0000000                                      | wl .1200000<br>PRB 1.0461072<br>SAB 3.451359                  | w2 .0800000<br>PRC .9846657<br>Sf 3.215945                    | w3<br>L<br>K          | .0200000<br>.1755028<br>.1035988              | SF<br>min<br>z        | .0269346                                      | LFr<br>max<br>m          | .5648985<br>.3348941<br>.0230940               |
| n                   | .0923761                                       | gam 18.317487   | b-al 8.213082   | the                   | 98.213105                                     | phi                   | 108.31751                                     | , M                      | *02,0940                                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348109<br>.0923761 | wl .1200000<br>PRB 1.0230253<br>SAB 3.521219<br>gam 18.317487 | w2 .0800000<br>PRC .9832291<br>Sf 3.219699<br>b-al 9.870816   | w3<br>L<br>K<br>the   | .0300000<br>.1768761<br>.1008013<br>99.870839 | SF<br>min<br>z<br>phi | .0285616<br>.0760748<br>.1304597<br>108.31751 | IFr<br>max<br>m          | •5810137<br>•32 <b>7</b> 5180<br>•0346410      |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0395064<br>3.261080<br>.0923761 | wl .1200000<br>FMB 1.0169691<br>SAB 2.976095<br>gam 18.317487 | w2 .0800000<br>PRC 1.0638019<br>Sf 3.219699<br>b-al .9.870816 | w3<br>L<br>K<br>the   | .0300000<br>.0862904<br>.0102155<br>99.870839 | SF<br>min<br>z<br>phi | 0285616<br>.0760748<br>.2089092<br>108.31751  | LFr<br>max<br>m          | .5048914<br>.3275180<br>.0346410<br>/EL THRUST |
| N                   | 3.0000000                                      | wl .1200000   | w2 .0800000   | w3                    | .0400000                                      | SF                    | .0307331                                      | LFr                      | .7087422                                       |
| PRA<br>Si<br>n      | 1.0300000<br>5.797497<br>.0923761              | PRB 1.0018872<br>SAB 4.316514<br>gam 18.317487                | PRC .9809034<br>Sf 3.225234<br>b-al 11.536921                 | L<br>K<br>the         | .2989121<br>.2189607<br>101.53694             | min<br>z<br>phi       | .0799514<br>.0181306<br>108.31751             | me.x<br>m                | •3198475<br>•0461880                           |
| N<br>PRA<br>Si      | 3.0000000<br>1.0400000<br>4.348126             | wl .1200000<br>PRB 1.0022679<br>SAB 3.591829                  | w2 .0800000<br>PRC .9809034<br>Sf 3.225234                    | w3<br>L<br>K          | .0400000<br>.1781311<br>.0981798              | SF<br>min<br>z        | .0307331<br>.0799514<br>.1227300              | LFr<br>max<br>m          | .5980177<br>.3198475<br>.0461880               |
| n                   | .0923761                                       | gam 18.317487   | b-al 11.536921  | the                   | 101.53694                                     | phi                   | 108.31751                                     | T Time                   | •5315828                                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478489<br>.0923761 | W1 .1200000<br>PRB 1.0000224<br>SAB 3.157010<br>gam 18.317487 | w2 .0800000<br>PRC 1.0215875<br>Sf 3.225234<br>b-al 11.536921 | w3<br>L<br>K<br>the   | .0400000<br>.1056614<br>.0257101<br>101.53694 | SF<br>min<br>z<br>phi | .0307331<br>.0799514<br>.1854906<br>108.31751 | LFr<br>max<br>m<br>2-LEV | .3198475<br>.0461880<br>EL THRUST              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>5.435150<br>.0923761 | wl .1200000<br>PRB .9864404<br>SAB 4.206663<br>gam 18.317487  | w2 .0800000<br>PRC .9771244<br>Sf 3.233121<br>b-al 13.212954  | w3<br>L<br>K<br>the   | .0500000<br>.2698498<br>.1863231<br>103.21298 | SF<br>min<br>z<br>phi | .0338755<br>.0835267<br>.0363956<br>108.31751 | LFr<br>max<br>m          | .7061930<br>.3118758<br>.0577350               |
| N<br>PRA<br>S1      | 3.0000000<br>1.0500000<br>4.348121             | wl .1200000<br>PRB .9844285<br>SAB 3.663149                   | w2 .0800000<br>PRC .9771244<br>Sf 3.233121                    | w3<br>L<br>K          | .0500000<br>.1792641<br>.0957373              | SF min z              | .0338755<br>.0835267<br>.1148452              | LFr<br>max<br>m          | .6162291<br>.3118758<br>.0577350               |
| n                   | .0923761                                       | gam 18.317487   | b-al 13.212954  | the                   | 103.21298                                     | phi                   | 108.31751                                     |                          | 00)/////                                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623436<br>.0923761 | wl .1200000<br>PRB .9821428<br>SAB 3.300806<br>gam 18.317487  | w2 .0800000<br>PRC .9973036<br>Sf 3.233121<br>b-al 13.212954  | w3<br>L<br>K<br>the   | .0500000<br>.1188736<br>.0353469<br>103.21298 | SF<br>min<br>z<br>phi | .0338755<br>.0835267<br>.1671449<br>108.31751 | LFr<br>max<br>m<br>2-LEV | .5562544<br>.3118758<br>.0577350<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>5.217756<br>.0923761 | wl .1200000<br>PRB .9737483<br>SAB 4.169988<br>gam 18.317487  | w2 .0800000<br>PRC .9707359<br>Sf 3.244144<br>b-al 14.900326  | w3<br>L<br>K          | .0600000<br>.2527504<br>.1659507<br>104.90035 | SF<br>min<br>z        | .0378399<br>.0867997<br>.0440386<br>108.31751 | LFr<br>max<br>m          | .7128992<br>.3036018<br>.0692820               |
| N<br>PRA            | 3.0000000<br>1.0600000                         | gem 18.317487<br>wl .1200000<br>PRB .9706923                  | w2 .0800000<br>PRC .9707359                                   | w3<br>L               | .0600000<br>.1802807                          | SF<br>min             | ,.0378399<br>.0867997                         | LFr<br>max               | .6353912<br>.3036018                           |
| Si<br>n             | 4.348120<br>.0923761                           | SAB 3.735170<br>gam 18.317487                                 | Sf 3.244144<br>b-al 14.900326                                 | K<br>the              | .0934810<br>104.90035                         | z<br>phi              | .1067993<br>108.31751                         | m                        | .0692820                                       |
| N<br>PRA<br>Si      | 3.0000000<br>1.0700000<br>3.726957             | wl .1200000<br>PRB .9679926<br>SAB 3.424588                   | w2 .0800000<br>PRC .9786327<br>Sf 3.244144                    | <b>w</b> 3.<br>L<br>K | .0600000<br>.1285172<br>.0417174              | SF.<br>min<br>z       | .0378399<br>.0867997<br>.1516278              | LFr<br>max<br>m          | .5800285<br>.3036018<br>.0692820               |
| n                   | •0923761                                       | "gam ,18.317487   | b-al 14.900326  | the                   | 104.90035                                     | phi.                  | 108.31751                                     | 2-LEV                    | EL THRUST                                      |
|                     |  |   |   |                       |   |                       |   |                          |  |

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|    | N<br>PRA<br>Si      | 3.0000000<br>1.0701347<br>3.261091             | wl<br>PRB<br>SAB        | .1200000<br>.9586023<br>3.159483               | w2<br>PRC<br>Sf         | .0800000<br>1.0711385<br>3.244144            | w3<br>L<br>K        | .0600000<br>.0896950<br>.0028953              | SF<br>min<br>z        | .0378399<br>.0867997<br>.18 <b>5248</b> 8     | LFr<br>max<br>m | •5385075<br>•3036018<br>•0692820 |
|----|---------------------|--|-------------------------|--|-------------------------|--|---------------------|---|-----------------------|---|-----------------|----------------------------------|
|    | n                   | •0923761                                       | gam                     | 18.317487                                      | b-al                    | 14.900326                                    | the                 | 104.90035                                     | phi                   | 108.31751                                     | 2-LE            | VEIL THRUST                      |
|    | N° PRA<br>Si<br>n   | 3.0000000<br>1.0200000<br>4.348110<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1200000<br>1.0613742<br>3.426458<br>20.050887 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9667956<br>3.246095<br>8.213082 | w3<br>L<br>K<br>the | .0200000<br>.1796494<br>.0984904<br>98.213105 | SF<br>min<br>z<br>phi | .0347805<br>.0811590<br>.1344459<br>110.05091 | LFr<br>max<br>m | .5791731<br>.3348941<br>.0230940 |
|    |                     |  |                         |  |                         |  |                     |   | ~                     | 07(1005                                       | T.Tlee          | 5057070                          |
| 10 | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348110<br>.1039231 | Wl<br>PRB<br>SAB<br>gam | .1200000<br>1.0373099<br>3.496330<br>20.050887 | w2<br>PRC<br>Sf<br>b-ål | .0900000<br>.9659582<br>3.249849<br>9.870816 | w3<br>L<br>K<br>the | .0300000<br>.1810246<br>.0956947<br>99.870839 | SF<br>min<br>z<br>phi | .0364065<br>.0853298<br>.1268670<br>110.05091 | LFr<br>max<br>m | •5953932<br>•3275180<br>•0346410 |
|    | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | •0900000                                     | w3                  | .0300000                                      | SF                    | .0364065                                      | LFr             | •5123501                         |
|    | PRA                 | 1.0383262                                      | PRB                     | 1.0265364                                      | PRC                     | 1.0741283                                    | Ĺ                   | .0904389                                      | min                   | .0853298                                      | max             | 3275180                          |
|    | Si                  | 3.261081                                       | SAB                     | 2.947356                                       | Sf                      | 3.249849                                     | K                   | .0051090                                      | Z                     | .2053165                                      | m               | .0346410                         |
|    | 'n                  | .1039231                                       | gam                     | 20.050887                                      | b-al                    | 9.870816                                     | the                 | 99.870839                                     | phi                   | 1.10.05091                                    | 2-LE            | EL THRUST                        |
|    | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | •0900000                                     | w3                  | .0400000                                      | SF                    | .0385780                                      | LFr             | .7324648                         |
|    | PRA                 | 1.0300000                                      | PRB                     | 1.0126958                                      | PRC                     | .9646284                                     | L                   | . 3030605                                     | min                   | .0892064                                      | max             | :3198475                         |
|    | Si                  | 5.797499                                       | SAB                     | 4.291625                                       | Sf                      | 3.255385                                     | K                   | .2138542                                      | Z                     | .0145379                                      | m               | .0461880                         |
|    | n                   | .1039231                                       | gam                     | 20.050887                                      | b-al                    | 11.536921                                    | the                 | 101.53694                                     | phi                   | 110.05091                                     |                 |                                  |
|    | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | •0900000                                     | w3                  | .0400000                                      | SF                    | .0385780                                      | LFr             | .6125135                         |
|    | PRA                 | 1.0400000                                      | PRB                     | 1.0152752                                      | PRC                     | .9646284                                     | L                   | .1822796                                      | min                   | .0892064                                      | max             | .3198475                         |
|    | Si<br>n             | 4.348127<br>.1039231                           | SAB<br>gem              | 3.566939<br>20.050887                          | · Sf<br>b-al            | 3.255385<br>11.536921                        | K<br>the            | .0930733<br>101.53694                         | z<br>phi              | .1191373<br>110.05091                         | m               | .0461880                         |
| •  | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | .0900000                                     | w3                  | .0400000                                      | SF                    | .0385780                                      | LFr             | .5405417                         |
|    | PRA                 | 1.0499748                                      | PRB                     | 1.0110655                                      | PRC                     | 1.0280086                                    | L                   | .1098099                                      | min                   | .0892064                                      | max             | .3198475                         |
|    | Si                  | <b>3.4</b> 78491                               | SAB                     | 3.132033                                       | Sf                      | 3.255385                                     | K                   | .0206035                                      | Z                     | .1818979                                      | m               | .0461880                         |
|    | n                   | .1039231                                       | gem                     | 20.050887                                      | b-al                    | 11.536921                                    | the                 | 101.53694                                     | phi                   | 110.05091                                     | 2-LEV           | EL THRUST                        |
|    | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | •0900000                                     | w3                  | .0500000                                      | SF                    | .0417214                                      | LFr             | .7277365                         |
|    | PRA                 | 1.0400000                                      | PRB                     | •9961868                                       | PRC                     | .9625324                                     | L                   | .2739983                                      | min                   | •0927817                                      | max             | .3118758                         |
|    | Si                  | 5.435151                                       | SAB                     | 4.181773                                       | Sf                      | 3.263271                                     | K                   | .18121.65                                     | Z                     | .0328030                                      | m               | . •0577350                       |
|    | n                   | .1039231                                       | gam                     | 20.050887                                      | b-al                    | 13.212954                                    | the                 | 103.21298                                     | phi                   | 110.05091                                     |                 |                                  |
|    | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | .0900000                                     | w3                  | .0500000                                      | SF                    | .0417214                                      | LFr ·           | .6308537                         |
|    | PRA                 | 1.0500000                                      | PRB                     | •9956171                                       | PRC                     | .9625324                                     | L                   | .1834126                                      | min                   | .0927817                                      | max             | .3118758                         |
|    | Si<br>n             | 4.348123                                       | SAB                     | 3.638259                                       | Sf                      | 3.263271                                     | K                   | .0906308                                      | Z - 1- 4              | .1112525                                      | m               | •0577350                         |
|    | 11                  | •10)92)1                                       | gam                     | 20.050887                                      | D-8.1.                  | 13.212954                                    | the                 | 103.21298                                     | phi                   | 110.05091                                     |                 |                                  |
|    | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | .0900000                                     | w3                  | .0500000                                      | SF                    | .0417214                                      | LFr             | .5662642                         |
|    | PRA                 | 1.0600000                                      | PRB                     | •9925853                                       | PRC                     | 1.0035813                                    | L                   | .1230221                                      | min                   | .0927817                                      | max             | .3118758                         |
|    | Si                  | 3.623437                                       | SAB                     | 3.275916                                       | Sf                      | 3.263271                                     | к •                 | .0302404                                      | Z                     | .1635522                                      | m               | .0577350                         |
|    | n                   | .1039231                                       | gam                     | 20.050887                                      | b-al                    | 13.212954                                    | the                 | 103.21298.                                    | phi                   | 110.05091                                     | 2-LEV           | EL THRUST                        |
|    | N                   | 3.0000000                                      | wl                      | .1.200000                                      | w2                      | .0900000                                     | w3                  | .0600000                                      | SF                    | .0456858                                      | LFr             | .7332029                         |
|    | PRA                 | 1.0500000                                      | PRB                     | • 9811452                                      | PRC                     | •9591775                                     | ·L                  | .2568970                                      | min                   | .0960547                                      | max             | .3036018                         |
|    | Si                  | 5.217735                                       | SAB                     | 4.145087                                       | Sf                      | 3.274294                                     | K                   | .1608423                                      | Z                     | .0404476                                      | m               | .0692820                         |
|    | n                   | .1039231                                       | gam                     | 20.050887                                      | b-al                    | 14.900326                                    | the                 | 104.90035                                     | phi                   | 110.05091                                     |                 |                                  |
|    | N                   | 3.0000000                                      | wl                      | .1200000                                       | w2                      | .0900000                                     | w3                  | .0600000                                      | SF                    | .0456858                                      | LFr             | .6501.618                        |
|    | PRA                 | 1.0600000                                      | PRB                     | .9789356                                       | PRC                     | 9591775                                      | L                   | .1844292                                      | min                   | .0960547                                      | max             | .3036018                         |
|    | Si<br>n             | 4.348121                                       | SAB                     | 3.710280<br>20.050887                          | Sf<br>b-al              | 3.274294                                     | K<br>the            | .0883745                                      | Z                     | 110,05001                                     | m               | .0692820                         |
|    | 11                  | • 10 / 7 6 / 1                                 | gan                     | 20.070007                                      | n-grr                   | 14.900326                                    | the                 | 104.90035                                     | phi                   | 110.05091                                     |                 |                                  |
|    | N                   | 3.0000000                                      | wl                      | .1.200000                                      | w2                      | .0900000                                     | w3 <sup>*</sup>     | .0600000                                      | SF                    | .0456858                                      | LFr             | •5908451<br>•3036018             |
|    | PRA                 | 1.0700000                                      | PRB                     | •9 <b>7</b> 58980                              | PRC                     | •9868993                                     | L                   | .1326656                                      | min                   | •0960547                                      | max             |                                  |
|    | Si                  | 3.726959                                       | SAB                     | 3.399699                                       | Sf                      | 3.274294                                     | K ·                 | .0366109                                      | Z                     | .1480351                                      | m               | .0692820                         |
|    | n                   | •1039231                                       | gam                     | 20.050887                                      | b-al                    | 14.900326                                    | the                 | 104.90035                                     | phi                   | 110.05091                                     | 2-LEV           | EL THRUST                        |
|    |                     |  |                         |  |                         |  |                     |   |                       |   |                 |                                  |

Supplied Contracts

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| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>5.072801<br>.1039231 | •wl<br>PRB<br>SAB<br>gam | .1200000<br>.9693919<br>4.145360**<br>20.050887 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9534983<br>3.289552<br>16.601296  | w3<br>L<br>K<br>the  | .0700000<br>.2457161<br>.1467111<br>106.60132 | SF<br>min<br>z<br>phi | .0507746<br>.0990050<br>.0426855<br>110.05091 | LFr<br>max<br>m          | •7444267<br>•2950051<br>•0808291              |
|---------------------|--|--------------------------|---|-------------------------|--|----------------------|---|-----------------------|---|--------------------------|---|
| N<br>PRA<br>S1      | 3.0000000<br>1.0700000<br>4.348115             | wl<br>PRB<br>SAB         | •1200000<br>•9664603<br>3•783018<br>20•050887   | w2<br>PRC<br>Sf<br>b-al | •.0900000<br>•9534983<br>3.289552<br>16.601296 | w3<br>L<br>K<br>the  | .0700000<br>.1853256<br>.0863206<br>106.60132 | SF<br>min<br>z<br>phi | .0507746<br>.0990050<br>.0949852              | LFr<br>max<br>m          | .6706114<br>.2950051<br>.0808291              |
| n<br>N              | .1039231                                       | gam                      | .1200000  | w2                      | •0900000                                       | w3                   | .0700000                                      | SF                    | .0507746                                      | IFr                      | .6152477                                      |
| PRA<br>Si<br>n      | 1.0800000<br>3.804589<br>.1039231              | PRB<br>SAB<br>gem        | .9633833<br>3.511255<br>20.050887               | PRC<br>Sf<br>b-al       | .9724679<br>3.289552<br>16.601296              | L<br>K<br>the        | .1400318<br>.0410268<br>106.60132             | min<br>z<br>phi       | .0990050<br>.1342108<br>110.05091             | max<br>m<br>2-LE         | .2950051<br>.0808291<br>VEL THRUST            |
| N<br>PRA            | 3.0000000<br>1.0799331                         | wl<br>PRB                | .1200000<br>.9547791<br>3.265848                | w2<br>PRC<br>Sf         | .0900000<br>1.0549646<br>3.289552              | w3<br>L<br>K         | .0700000<br>.1048050<br>.0058000              | SF<br>min<br>z        | .0507746<br>.0990050<br>.1647181              | IFr<br>max<br>m          | .5721903 .<br>.2950051 .0808291               |
| Si<br>n             | 3.381867<br>.1039231                           | gam                      | 20.050887                                       |                         | 16.601296                                      | the                  | 106.60132                                     | phi                   | 110.05091                                     |                          | VEL THRUST                                    |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348108<br>.1154701 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>1.0770411<br>3.400181<br>21.803625  | w2<br>PRC<br>Sf<br>b-al | .1000000°<br>.9541866<br>3.290914<br>8.213082  | W3.<br>L<br>K<br>the | .0200000<br>.1840286<br>.0932707<br>98.213105 | SF<br>min<br>z<br>phi | .0443840<br>.0907580<br>.1306534<br>111.80365 | IFr<br>max<br>m          | .5936756<br>.3348941<br>.0230940              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348108<br>.1154701 | wl<br>PRB<br>SAB<br>gem  | .1200000<br>1.0521037<br>3.470052<br>21.803625  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9537557<br>3.294668<br>9.870816   | w3<br>L<br>K<br>the  | .0300000<br>.1854038<br>.0904750<br>99.870839 | SF<br>min<br>z<br>phi | .0460100<br>.0949288<br>.1230745<br>111.80365 | LFr<br>max<br>m          | .6100178<br>.3275180<br>.0346410              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>5.797497<br>.1154701 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>1.0240840<br>4.265347<br>21.803625  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9530785<br>3.300204<br>11.536921  | w3<br>L<br>K<br>the  | .0400000<br>.3074398<br>.2086345<br>101.53694 | SF<br>min<br>z<br>phi | .0481815<br>.0988053<br>.0107454<br>111.80365 | LFr<br>max<br>m          | •7564507<br>•3198475<br>•0461880              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348126<br>.1154701 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>1.0290134<br>3.540662<br>21.803625  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9530785<br>3.300204<br>11.536921  | w3<br>L<br>K<br>the  | .0400000<br>.1866589<br>.0878536              | SF<br>min<br>z<br>phi | .0481815<br>.0988053<br>.1153447<br>111.80365 | LFr<br>max<br>m          | .6272726<br>.3198475<br>.0461880              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0495639<br>3.478489<br>.1154701 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>1.0214519<br>3.104326<br>21.803625  | Sf                      | .1000000<br>1.0407718<br>3.300204<br>11.536921 | w3<br>L<br>K<br>the  | .0400000<br>.1141892<br>.0153838<br>101.53694 | SF<br>min<br>z<br>phi | .0481815<br>.0988053<br>.1781053<br>111.80365 | LFr<br>mex<br>m<br>2-LEV | .5497646<br>.3198475<br>.0461880<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>5.435150<br>.1154701 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>1.0069417<br>4.155496<br>21.803625  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9520310<br>3.308091<br>13.212954  | w3<br>L<br>K<br>the  | .0500000<br>.2783775<br>.1759968<br>103.21298 | SF<br>min<br>z<br>phi | .0513249<br>.1023807<br>.0290104<br>111.80365 | LFr<br>max<br>m          | •7495642<br>•3118758<br>•0577350              |
| N<br>PRA<br>Si      | 3.0000000<br>1.0500000<br>4.348121<br>.1154701 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>1.0079863<br>3.611982<br>21.803625  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9520310<br>3.308091<br>13.212954  | w3<br>L<br>K<br>the  | .0500000<br>.1877918<br>.0854111<br>103.21298 | SF<br>min<br>z<br>phi | .0513249<br>.1023807<br>.1074599<br>111.80365 | LFr<br>max<br>m          | .6457605<br>.3118758<br>.0577350              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0599202<br>3.623435<br>.1154701 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>1.0028935<br>3.249350<br>21.803625  | Sf                      | .1000000<br>1.0151405<br>3.308091<br>13.212954 | w3<br>L<br>K<br>the  | .0500000<br>.1274014<br>.0250207<br>103.21298 | SF<br>min<br>z<br>phi | .0513249<br>.1023807<br>.1597596<br>111.80365 | LFr<br>max<br>m<br>2-LEV | .5765581<br>.3118758<br>.0577350<br>EL THRUST |
| N<br>PRA<br>Si      | 3.0000000<br>1.0500000<br>5.217733             | wl<br>PRB<br>SAB         | .1200000  | w2<br>PRC<br>Sf         | .1000000<br>.9503987<br>3.319113               | w3<br>L<br>K         | .0600000<br>.2612763<br>.1556226              | SF<br>min<br>z        | .0552893<br>.1056537<br>.0366550              | LFr<br>max<br>m          | •7538071<br>•3036018<br>•0692820              |
| n                   | .1154701                                       | gam                      | 21.803625                                       |                         | 14.900326                                      | the                  | 104.90035                                     | phi                   | 111.80365                                     | ,                        | 300/2020                                      |

|                |  |                         |   |  |                     | 6   | ŭ                     |   |                 |                                  |
|----------------|--|-------------------------|---|--|---------------------|---|-----------------------|---|-----------------|----------------------------------|
| N<br>PRA<br>Si | 3.0000000<br>1.0600000<br>4.348119<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1200000<br>.9893739<br>3.684002<br>21.803625 | w2 .1000000<br>PRC .9503987<br>Sf 3.319113<br>b-al 14.900326 | w3<br>L<br>K<br>the | .0600000<br>.1888085<br>.0831548<br>104.90035 | SF<br>min<br>z<br>phi | .0552893<br>.1056537<br>.0994140<br>111.80365 | IFr<br>max<br>m | .6652289<br>.3036018<br>.0692820 |
| N<br>PRA<br>Si | 3.0000000<br>1.0699626<br>3.726957             | wl<br>PRB<br>SAB        | .1200000<br>.9849280<br>3.373281              | w2 .1000000<br>PRC .9989990<br>Sf 3.319113                   | w3<br>L<br>K        | .0600000<br>.1370449<br>.0313912              | SF<br>min<br>z        | .0552893<br>.1056537<br>.1442425              | LFr<br>max<br>m | .6019573<br>.3036018<br>.0692820 |
| n              | .1154701                                       |                         | 21.803625                                     | b-al 14.900326   | the                 | 104.90035                                     | phi                   | 111.80365                                     |                 | VEL THRUST                       |
| N<br>PRA       | 3.0000000<br>1.0600000                         | wl<br>PRB               | .1200000<br>.9761000                          | w2 .1000000<br>PRC .9477763                                  | w3<br>L             | .0700000<br>.2500954                          | SF•<br>min            | .0603781                                      | LFr<br>max      | .7642870<br>.2950051             |
| Si<br>n        | 5.072799<br>.1154701                           | SAB<br>gam              | 4.119083<br>21.803625                         | Sf 3.334371<br>b-al 16.601296                                | K<br>the            | .1414914<br>106.60132                         | z<br>phi              | .0388930<br>111.80365                         | m               | •0808291                         |
| N<br>PRA       | 3.0000000                                      | PRB                     | .1200000<br>.9737949                          | w2 .1000000<br>PRC .9477763                                  | w3<br>L             | .0700000                                      | SF<br>min             | .0603781<br>.1086040                          | LFr             | .6858578<br>.2950051             |
| Si<br>n        | 4.348113<br>.1154 <b>7</b> 01                  | SAB<br>gam 2            | 3.756740<br>21.803625                         | Sf 3.334371<br>b-al 16.601296                                | K<br>the            | .0811009<br>106.60132                         | z<br>phi              | .0911927                                      | m               | •0808291                         |
| N<br>PRA       | 3.0000000<br>1.0799506                         | wl<br>PRB               | .1200000<br>.9696245                          | w2 .1000000<br>PRC .9868074                                  | <b>w</b> 3<br>L     | .0700000<br>.1444130                          | SF<br>min             | .0603781                                      | LFr<br>max      | .6270371<br>.2950051             |
| Si<br>n        | 3.804610<br>.1154701                           | SAB<br>gam 2            | 3.484801<br>21.803625                         | Sf 3.334371<br>b-al 16.601296                                | K<br>the            | .0358090<br>106.60132                         | z<br>phi              | .1304166<br>111.80365                         | m<br>2-LEV      | .0808291<br>/EL THRUST           |
| N<br>PRA       | 3.0000000                                      |                         | .1200000                                      | w2 .1000000<br>PRC 1.0802663                                 | w3                  | .0700000                                      | SF<br>min             | .0603781<br>.1086040                          | LFr             | .5812855<br>.2950051             |
| Si<br>n        | 1.0751033<br>3.381866<br>.1154701              | PRB<br>SAB<br>gem 2     | .9576150<br>3.223237<br>21.803625             | Sf 3.334371<br>b-al 16.601296                                | L<br>K<br>the       | .0005803<br>106.60132                         | z<br>phi              | .1609256                                      | m .             | .0808291<br>EL THRUST            |
| N<br>PRA       | 3.0000000<br>1.0700000                         | wl<br>PRB               | .1200000<br>.9653208                          | w2 .1000000<br>PRC .9432613                                  | w3<br>L             | .0800000<br>.2422505                          | SF<br>min             | .0667553                                      | LFr             | .7788496<br>.2860838             |
| Si<br>n        | 4.969286<br>.1154701                           | SAB                     | 4.140762<br>21.803625                         | Sf 3.355605<br>b-al 18.317487                                | K<br>the            | .1310207<br>108.31751                         | z<br>phi              | .0379608<br>111.80365                         | m               | .0923761                         |
| N<br>PRA       | 3.0000000°<br>1.0800000                        | wl<br>PRB               | .1200000<br>.9625088                          | w2 .1000000<br>PRC .9432613                                  | w3<br>L•            | .0800000<br>.1904869                          | SF<br>min             | :0667553                                      | LFr<br>max      | .7076702<br>.2860838             |
| Si<br>n        | 4.348123<br>.1154701                           | SAB                     | 3.830181<br>21.803625                         | Sf 3.355605<br>b-al 18.317487                                | K<br>the            | .0792572<br>108.31751                         | z<br>phi              | .0827894<br>111.80365                         | m               | .0923761                         |
| N<br>PRA       | 3.0000000<br>1.0898303                         | wl<br>PRB               | .1200000<br>.9586370                          | w2 .1000000<br>PRC .9755932                                  | w3<br>L             | .0800000<br>.1502266                          | SF<br>min             | .0667553<br>.1112297                          | LFr<br>max      | .6523085<br>.2860838             |
| Si<br>n        | 3.865000<br>.1154701                           |                         | 3.587962<br>21.803625                         | Sf 3.355605<br>b-al 18.317487                                | K<br>the            | .0389969<br>108.31751                         | z<br>phi              | .1176558<br>111.80365                         | m<br>2-LEV      | .0923761<br>EL THRUST            |
| N<br>PRA       | 3.0000000<br>1.0881093                         |                         | .1200000<br>.9508872                          | w2 .1000000<br>PRC 1.0521529                                 | w3<br>L             | .0800000<br>.1180172                          | SF<br>min             | .0667553<br>.1112297                          | LFr<br>  max    | .6080170<br>.2860838             |
| Si<br>n        | 3.478487<br>.1154701                           |                         | 3.353999<br>1.803625                          | Sf 3.355605<br>b-al 18.317487                                | K<br>the            | .0067875<br>.108.31751                        | z<br>phi              | .1455500<br>111.80365                         | m<br>2-LEV      | .0923761<br>EL THRUST            |
| N<br>PRA       | 3.0000000<br>1.0200000                         |                         | .1400000<br>.9911455                          | w2 .0400000<br>PRC 1.1336100                                 | w3<br>L             | .0200000                                      | SF<br>min             | .0083132                                      | LFr<br>max      | .5736008<br>.3146689             |
| Si<br>n        | 4.348128<br>.0461880                           | SAB                     | 3.474622<br>2.246622                          | Sf 3.154610<br>b-al 8.714620                                 | K<br>the            | .1332700<br>98.714643                         | z<br>phi              | .1238796<br>102.24664                         | m               | .0230940                         |
| N<br>PRA       | 3.0000000<br>1.0300000                         |                         | .1400000<br>.9876295                          | w2 .0400000<br>PRC 1.1615309                                 | w3<br>L             | .0200000<br>.0508423                          | SF<br>min             | .0083132<br>.0383551                          | LFr             | .5182381<br>.3146689             |
| Si<br>n        | 2.898734<br>.0461880                           | SAB :                   | 2.749925<br>2.246622                          | Sf 3.154610<br>b-al 8.714620                                 | K<br>the            | .0124872<br>98. <b>7</b> 14643                | z<br>phi              | .2284806<br>102 <b>.2</b> 4664                | m               | .0230940<br>EL THRUST            |
| N<br>PRA       | 3.0000000<br>1.0200000                         |                         | .1400000<br>.0035609                          | w2 .0500000<br>PRC 1.1017023                                 | w3<br>L             | .0200000<br>.1 <b>7</b> 50412                 | SF<br>min             | .0113468<br>.0464673                          | LFr             | •5881939<br>•3146689             |
| Si<br>n        | <b>4.348</b> 113 <b>.057</b> 7350              | SAB                     | 3.454110<br>4.029656                          | Sf 3.159871<br>b-al 8.714620                                 | K<br>the            | .1285739<br>98.714643                         | z<br>phi              | .1209212<br>104.02968                         | m<br>*          | .0230940                         |

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|   | 4                   |  |                            |   |                          |  |                     |   |                       |   |                          |  |
|---|---------------------|--|----------------------------|---|--------------------------|--|---------------------|---|-----------------------|---|--------------------------|--|
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0298369<br>2.898741<br>.0577350 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>.9997034<br>2.728951<br>14.029656   | w2<br>PRC<br>Sf<br>b-al  | .0500000<br>1.1582504<br>3.159871<br>8.714620          | w3<br>L<br>K<br>the | .0200000<br>.0542603<br>.0077930<br>98.714643 | SF<br>min<br>z<br>phi | .0113468<br>.0464673<br>.2255205<br>104.02968           | LFr<br>max<br>m<br>2-LE  | .5236054<br>.3146689<br>.0230940<br>VEL THRUST |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348117<br>.0577350 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>.9852173<br>3.524226<br>14.029656   | w2<br>PRC<br>Sf<br>b-al  | .0500000<br>1.0941467<br>3.162439<br>10.475587         | w3<br>L<br>K<br>the | .0300000<br>.1763764<br>.1258350<br>100.47561 | SF<br>min<br>z<br>phi | .0129528<br>.0505414<br>.1132932<br>104.02968           | IFr<br>max<br>m          | .6049738<br>.3071960<br>.0346410               |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261089<br>.0577350 | wl<br>PRB<br>SAB<br>gem    | .1400000<br>.9825217<br>2.980712<br>14.029656   | w2<br>PRC<br>Sf<br>b-al  | .0500000<br>1.0941467<br>3.162439<br>10.475587         | w3<br>L<br>K<br>the | .0300000<br>.0857906<br>.0352493<br>100.47561 | SF<br>min<br>z<br>phi | .01.29528<br>.0505414<br>.191 <b>7</b> 427<br>104.02968 | LFr<br>max<br>m          | .5496121<br>.3071960<br>.0346410               |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348113<br>.0692820 | wl<br>PRB<br>SAB°<br>• gam | .1400000<br>1.0173247<br>3.432401.<br>15.826319 | PRC Sf b-al              | .0600000<br>1.0709880<br>3.167096<br>8.714620          | w3<br>L<br>K<br>the | .0200000<br>.1786595<br>.1237567<br>98.714643 | SF<br>min<br>z<br>phi | .0152693<br>.0549027<br>.1177877<br>105.82634           | LFr<br>max<br>m          | .6028891<br>.3146689<br>.0230940               |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0289337<br>2.898742<br>.0692820 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>1.0112871<br>2.704624<br>15.826319  | w2' PRC Sf o b-al.       | .0600000<br>1.15 <b>7</b> 9234<br>3.167096<br>8.714620 | w3<br>L<br>K        | .0200000<br>.0578785<br>.0029758<br>98.714643 | SF<br>min<br>z<br>phi | .0152693<br>.0549027<br>.2223871<br>105.82634           | LFr<br>max<br>m<br>2-LEV | .5290728<br>.3146689<br>.0230940<br>/EL THRUST |
| • | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348118<br>.0692820 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>.9965849<br>3.502517<br>15.826319   | w2<br>PRC<br>Sf<br>b-al  | 0600000<br>1.0664027<br>3.169664<br>10.475587          | w3<br>L<br>K<br>the | .0300000<br>.1799946<br>1210178<br>100.47561  | SF<br>min<br>z<br>phi | .0168753<br>.0589768<br>.1101597<br>105.82634           | LFr<br>max<br>m          | .6197367<br>.3071960<br>.0346410               |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.040000<br>3.261089<br>.0692820  | wl<br>PRB<br>SAB<br>gam    | .1400000<br>.9958714<br>2.959003<br>15.826319   | w2<br>PRC<br>Sf<br>b-al  | .0600000<br>1.0756540<br>3.169664<br>10.475587         | w3<br>L<br>K<br>the | .0300000<br>.0894089<br>.0304321<br>100.47561 | SF<br>min<br>z<br>phi | .0168753<br>.0589768<br>.1886092<br>105.82634           | LFr<br>max<br>m<br>2-LEV | .5574541<br>.3071960<br>.0346410<br>/EL THRUST |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348110<br>.0692820 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>.9797914<br>3.573400<br>15.826319   | w2<br>PRC<br>Sf<br>b-al  | .0600000<br>1.0584233<br>3.173413<br>12.246622         | w3<br>L<br>K<br>the | .0400000<br>.1812000<br>.1184645<br>102.24664 | SF<br>min<br>z<br>phi | .0190220<br>.0627355<br>.1023708<br>105.82634           | LFr<br>max<br>m          | .6374655<br>.2994077<br>.0461880               |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478497<br>.0692820 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>.9769918<br>3.138593<br>15.826319   | w2<br>PRC<br>Sf<br>b-al  | .0600000<br>1.0584233<br>3.173413<br>12.246622         | w3<br>L<br>K<br>the | .0400000<br>.1087322<br>.0459967<br>102.24664 | SF<br>min<br>z<br>phi | .0190220<br>.0627355<br>.1651298<br>105.82634           | IFr<br>max<br>m          | •5821037<br>•2994077<br>•0461880               |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348116<br>.0808290 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>1.0318849<br>3.409367<br>17.639436  | .w2<br>PRC<br>Sf<br>b-al | .0700000<br>1.0423748<br>3.176826<br>8.714620          | w3<br>L<br>K<br>the | .0200000<br>.1824989<br>.1188135<br>98.714643 | SF<br>min<br>z<br>phi | .0202475<br>.0636854<br>.1144626<br>107.63946           | LFr<br>max<br>m          | .6177292<br>.3146689<br>.0230940               |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348121<br>.0808290 | W1<br>PRB<br>SAB<br>gam    | .1400000°<br>1.0095534<br>3.479483<br>17.639436 | w2<br>PRC<br>Sf<br>b-al  | .0700000<br>1.0394373<br>3.179393<br>10.475587         | w3<br>L<br>K<br>the | .0300000<br>.1838341<br>.1160746<br>100.47561 | SF<br>min<br>z<br>phi | .0218535<br>.0677595<br>.1068346<br>107.63946           | LFr<br>max<br>m          | .6346588<br>.3071960<br>.0346410               |
|   | N PRA Si n          | 3.0000000<br>1.0400000<br>3.261092<br>.0808290 | wl<br>PRB<br>SAB<br>gam    | .1400000<br>1.0098092<br>2.935969<br>17.639436  | w2<br>PRC<br>Sf<br>b-al  | .0700000<br>1.0723918<br>3.179393<br>10.475587         | w3<br>L<br>K<br>the | .0300000<br>.0932484<br>.0254889<br>100.47561 | SF *min z phi         | .0218535<br>.0677595<br>.1852841<br>107.63946           | LFr<br>max<br>m<br>2-LEV | .5654564<br>.3071960<br>.0346410<br>THRUST     |
|   | N<br>PRA<br>Si      | 3.0000000<br>1.040000<br>4.348113<br>.0808290  | wl<br>PRB<br>SAB<br>gam    | .1400000<br>.9901360<br>3.550366<br>17.639436   | w2<br>PRC<br>Sf<br>b-al  | .0700000<br>1.0345949<br>3.183142<br>12.246622         | w3<br>L<br>K<br>the | .0400000<br>.1850395<br>.1135214<br>102.24664 | SF<br>min<br>z<br>phi | .0239992<br>.0715182<br>.0990458<br>107.63946           | LFr<br>max<br>m          | .6524878<br>.2994077<br>.0461880               |

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| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0500000<br>3.478500<br>.0808290 | wl .1400000<br>PRB .9887594<br>SAB 3.115559<br>gam 17.639436   | w2 .0700000<br>PRC 1.0345949<br>Sf 3.183142<br>b-al 12.246622   | w3<br>L<br>K<br>the  | .0400000<br>.1125717<br>.0410536<br>102.24664 | SF<br>min<br>z<br>phi | .0239992<br>.0715182<br>.1618047<br>107.63946 | LFr<br>max<br>m            | •5915899<br>•2994077<br>•0461880               |
|---------------------|--|--|---|----------------------|---|-----------------------|---|----------------------------|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>5.435153<br>.0808290 | wl .1400000<br>PRB .9780846<br>SAB 4.165536<br>gam 17.639436   | w2 .0700000<br>PRC 1.0264568<br>Sf 3.188403<br>b-al 14.029655   | w3<br>L<br>K<br>the  | .0500000<br>.2767048<br>.2017520<br>104.02968 | SF<br>min<br>z<br>phi | .0270949<br>.0749528<br>.0126358<br>107.63946 | LFr<br>max<br>. m          | .7545652<br>.2912953<br>.0577350               |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0500000<br>4.348125<br>.0808290 | wl .1400000<br>PRB .9747960<br>SAB 3.622022<br>gam 17.639436   | w2 .0700000<br>PRC 1.0264568<br>Sf 3.188403<br>b-al 14.029655   | w3.<br>L<br>K<br>the | .0500000<br>.1861191<br>.1111663<br>104.02968 | SF<br>min<br>z<br>phi | .0270949<br>.0749528<br>.0910853<br>107.63946 | IFr<br>max<br>m            | .6715221<br>.2912953<br>.0577350               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623439<br>.0808290 | wl .1400000<br>PRB .9719944<br>SAB 3.259679<br>gam 17.639436   | w2 .0700000<br>PRC 1.0264568<br>Sf 3.188403<br>b-al 14.029655   | w3<br>L<br>K<br>the  | .0500000<br>.1257286<br>.0507758<br>104.02968 | SF<br>min<br>z<br>phi | .0270949<br>.0749528<br>.1433850<br>107.63946 | IFr<br>max<br>m            | .6161604<br>.2912953<br>.0577350               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0655654<br>3.105800<br>.0808290 | wl .1400000<br>PRB .9641681<br>SAB 2.987086<br>gam 17.639436   | w2 .0700000<br>PRC 1.1070641<br>Sf 3.188403<br>b-al 14.029655   | w3<br>L<br>K<br>the  | .0500000<br>.0825920<br>.0076392<br>104.02968 | SF<br>min<br>z<br>phi | .0270949<br>.0749528<br>.1807424<br>107.63946 | IFr<br>max<br>m<br>2-LE    | .5766153<br>.2912953<br>.0577350<br>VEL THRUST |
| N<br>PRA<br>Si      | 3.0000000<br>1.0200000<br>4.348108<br>.0923761 | wl .1400000<br>PRB 1.0470117<br>SAB 3.384960<br>gam 19.470994  | w2 .0800000<br>PRC 1.0162927<br>Sf 3.189873<br>b-al 8.714620    | w3<br>L<br>K<br>the  | .0200000<br>.1865654<br>.1137477<br>98.714643 | SF<br>min<br>z<br>phi | .0264311<br>.0728177<br>.1109409<br>109.47102 | LFr<br>max<br>m            | .6327515<br>.3146689<br>.0230940               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348112<br>.0923761 | wl .1400000<br>PRB 1.0234661<br>SAB 3.455076<br>gam 19.470994  | w2 .0800000<br>PRC 1.0143655<br>Sf 3.192441<br>b-al 10.475587   | w3<br>L<br>K<br>the  | .0300000<br>.1879006<br>.1110087<br>100.47561 | SF<br>min<br>z<br>phi | .0280371<br>.0768918<br>.1033129<br>109.47102 | LFr<br>max<br>m            | .6497841<br>.3071960<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261084<br>.0923761 | wl .1400000<br>PRB 1.0230248<br>SAB 2.911562<br>gam 19.470994  | w2 .0800000<br>PRC 1.0717924<br>Sf 3.192441<br>b-al 10.475587   | w3<br>L<br>K<br>the  | .0300000<br>.0973148<br>.0204230<br>100.47561 | SF<br>min<br>z<br>phi | .0280371<br>.0768918<br>.1817625<br>109.47102 | LFr<br>max<br>m<br>2-LEV   | .5736618<br>.3071960<br>.0346410<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348105<br>.0923761 | wl1400000<br>PRB 1.0023103<br>SAB 3.525959<br>gam 19.470994    | w2 .0800000<br>PRC 1.0112925<br>Sf . 3.196190<br>b-al 12.246622 | w3<br>L<br>K<br>the  | .0400000<br>.1891060<br>.1084555<br>102.24664 | SF<br>min<br>z<br>phi | .0301828<br>.0806505<br>.0955241<br>109.47102 | LFr<br>max<br>m            | .6677 <i>2</i> 75<br>.2994077<br>.0461880      |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478491<br>.0923761 | w1 .1400000<br>PRB 1.0021061<br>SAB 3.091152.<br>gam 19.470994 | w2 .0800000<br>PRC 1.0318072<br>Sf 3.196190<br>b-al 12.246622   | w3<br>L<br>K<br>the  | .0400000<br>.1166382<br>.0359877<br>102.24664 | SF<br>min<br>z<br>phi | .0301828<br>.0806505<br>.1582830<br>109.47102 | · LFr<br>mex<br>m<br>2-LEV | .6012936<br>.2994077<br>.0461880<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>5.435145<br>.0923761 | wl .1400000<br>PRB .9862258<br>SAB 4.141129<br>gam 19.470994   | w2 .0800000<br>PRC 1.0063973<br>Sf 3.201451<br>b-al 14.029655   | w3<br>L<br>K<br>the  | .0500000<br>.2807713<br>.1966861<br>104.02968 | SF<br>min<br>z<br>phi | .0332785<br>.0840852<br>.0091141<br>109.47102 | LFr<br>max<br>m            | •7768555<br>•2912953<br>•0577350               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348117<br>.0923761 | wl .1400000<br>PRB .9841448<br>SAB 3.597615<br>gam 19.470994   | w2 .0800000<br>PRC 1.0063973<br>Sf 3.201451<br>b-al 14.029655   | w3<br>L<br>K<br>the  | .0500000<br>.1901856<br>.1061004<br>104.02968 | SF<br>min<br>z<br>phi | .0332785<br>.0840852<br>.0875637<br>109.47102 | LFr<br>max<br>m            | .6868925<br>.2912953<br>.05 <b>7</b> 7350      |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623431<br>.0923761 | wl .1400000<br>PRB .9824299<br>SAB 3.235272<br>gam 19.470994   | w2 .0800000<br>PRC 1.0072435<br>Sf 3.201451<br>b-al 14.029655   | w3<br>L<br>K<br>the  | .0500000<br>.1297951<br>.0457099<br>104.02968 | SF<br>min<br>z<br>phi | .0332785<br>.0840852<br>.1398633<br>109.47102 | LFr<br>max<br>m<br>2-LEV   | .6269169<br>.2912953<br>.0577350<br>EL THRUST  |

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| PRA   1.062000   |  |                |                                    |                  |  |                 |                                   |              |   |                |                                  |            |                      |
|--|--|----------------|------------------------------------|------------------|--|-----------------|-----------------------------------|--------------|---|----------------|----------------------------------|------------|----------------------|
| N   3,0000000  |  | PRA<br>Si      | 1.0623607<br>3.105792              | PRB<br>SAB       | .9699906<br>2.952726                   | PRC<br>Sf       | 1.1177797<br>3.201451             | K            | .0866585<br>.0025733                      | min<br>z       | .0840852<br>.1772207             | mex<br>m   | •2912953<br>•0577350 |
| N   3,0000000   N   1,1400000   N   2   0,800000   N   3,000000   N   3,000000   N   3,000000   N   3,0000000   N   3,000000   N   3,0000000   N   3,000000   N   3,0000000   N   3,0000000   N   3,000000   N   3,0000000   N   3,0000000   N   3,0000000   N   3,000000   N   3,0000000   N   3,000000   N   3,00000 |  | N<br>PRA<br>Si | 3.0000000<br>1.0500000<br>5.217744 | wl<br>PRB<br>SAB | •1400000<br>•9733315<br>4•104813       | w2<br>PRC<br>Sf | .0800000<br>.9983471<br>3.208676  | w3<br>L<br>K | .0600000<br>.2636109<br>.1764141          | SF<br>min<br>z | .0371704<br>.0871968<br>.0166702 | LFr<br>max | •7845469<br>•2828599 |
| N   3.000000   |  | N<br>PRA<br>Si | 3.0000000<br>1.0600000<br>4.348108 | wl<br>PRB<br>SAB | .1400000<br>.9701719<br>3.669995       | w2<br>PRC<br>Sf | .0800000<br>.9983471<br>3.208676  | w3<br>L<br>K | .0600000<br>.1911411<br>.1039444          | SF<br>min<br>z | .0371704<br>.0871968<br>.0794308 | max        | 2828599              |
| N 3,000000 v1 .1\(\frac{1}{2}\) 0.00000 v2 .0\(\frac{1}{2}\) 0.00000 SF .0\(\frac{1}{2}\) 0.0\(\frac{1}{2}\) 0.00000 N2 .1\(\frac{1}{2}\) 0.00000 N3 .1\(\frac{1}{2}\) 0.00000 N3 .1\(\frac{1}{2}\) 0.00000 N4 .1\(\frac{1}{2}\) 0.00000 N2 .0\(\frac{1}{2}\) 0.00000 N3 .0\(\frac{1}{2}\) 0.00000 N4 .1\(\frac{1}{2}\) 0.00000 N2 .0\(\frac{1}{2}\) 0.00000 N3 .0\(\frac{1}{2}\) 0.00000 N4 .1\(\frac{1}{2}\) 0.00000 N2 .0\(\frac{1}{2}\) 0.00000 N3 .0\(\frac{1}{2}\) 0.00000 N4 .1\(\frac{1}{2}\) 0.00000 N4 .1\(\frac{1}{2}\) 0.00000 N4 .1\(\frac{1}{2}\) 0.00000 N4 .1\(\frac{1}{2}\) 0.00000 N5 .0\(\frac{1}{2}\) 0.00000 N5 .0\(\frac{1}{2}\) 0.00000 N5 .1\(\frac{1}{2}\) 0.00000 N5 .2\(\frac{1}{2}\) 0.000000 N5 .2\(\frac{1}{2}\) 0.00000 N5 .2\(1     |  | PRA<br>Si      | 3.0000000<br>1.0700000<br>3.726945 | wl<br>PRB<br>SAB | .1400000<br>.9674142<br>3.359414       | w2<br>PRC<br>Sf | .0800000<br>.9983471<br>3.208676  | w3<br>L<br>K | .0600000<br>.13937 <b>7</b> 6<br>.0521809 | SF<br>min<br>z | .0371704<br>.0871968<br>.1242594 | max        | 2828599              |
| PRA   1.0200000  |  | PRA<br>Si      | 1.0764174<br>3.261079              | PRB<br>SAB       | .1400000<br>.9604486<br>3.114796       | w2<br>PRC<br>Sf | .0800000<br>1.0725611<br>3.208676 | L<br>K       | .1005554<br>.0133587                      | min<br>z       | .0871968<br>.1578804             | max<br>m   | .2828599<br>.0692820 |
| PRA 1.0300000 PRB 1.0380400 PRC 9918016 L 1922095 min 0.665856 max 3071960   |  | PRA<br>Si      | 1.0200000                          | PRB<br>SAB       | 1.0626047<br>3.359113                  | PRC<br>Sf       | •9930644<br>3•207403              | L<br>K       | .1908741<br>.1085626                      | min<br>z       | .0823115 .                       | max        | .3146689             |
| PRA 1.0399770 PRB 1.0349499 PRC 1.0748296 L 1.016236 min .0863856 max .3071960 S1 3.261089 SAB 2.885640 Sf 3.209970 K .0152380 z 1.780310 m .0346410 n .1039231 gam 21.323511 b-al 10.475587 the 100.47561 phi 111.32353 2-LEVEL THRUST N 3.0000000 w1 .1400000 PRB 1.0155669 PRC .9898283 L .1934147 min .0901443 max .2994077 S1 4.348111 SAB 3.500112 Sf 3.213719 K .1032704 z .0917926 m .0461880 n .1039231 gam 21.323511 b-al 12.246622 the 102.24664 phi 111.32553 N 3.000000 PRB 1.0152114 PRC 1.0327087 L .1209469 min .0901443 max .2994077 S1 3.478497 SAB 3.065305 Sf 3.213719 K .0308026 z .1545516 m .0461880 n .1039231 gam 21.323511 b-al 12.246622 the 102.24664 phi 111.32353 2-LEVEL THRUST N 3.000000 w1 .1400000 w2 .0900000 w3 .0500000 SF .00377541 LFr .6112614 max .2994077 S1 3.478497 SAB 3.065305 Sf 3.213719 K .0308026 z .1545516 m .0461880 n .1039231 gam 21.323511 b-al 12.246622 the 102.24664 phi 111.32353 2-LEVEL THRUST N 3.0000000 w1 .1400000 w2 .0900000 w3 .0500000 SF .0408497 LFr .7994289 PRA 1.0400000 PRB .9961252 PRC .9867818 L .2850800 min .0935789 max .2912953 S1 5.435151 SAB 4.115282 Sf 3.218981 K .1915010 z .0053827 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 n .0577350 PRB .9955355 PRC .9867818 L .1944943 min .0935789 max .2912953 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 n .0577350 PRA 1.0500000 PRB .9955355 PRC .9867818 L .1944943 min .0935789 max .2912953 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 n .0577350 PRA 1.0500000 PRB .9955355 PRC .9867818 L .1944943 min .0935789 max .2912953 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 n .0577350 PRA 1.0600000 PRB .9944027 PRC 1.0086228 L .1341038 min .0935789 max .2912953 S1 3.623436 SAB 3.209425 Sf 3.218981 K .0405249 z .1361319 m .0577350 max .2912953 S1 3.623436 SAB 3.209425 Sf 3.218981 K .0405249 z .1361319 m .0577350  |  | PRA<br>Si      | 1.0300000                          | PRB<br>SAB       | 1.0380400<br>3.429229                  | PRC<br>Sf       | .9918016<br>3.209970              | L<br>K       | .1922093<br>.1058237                      | min<br>z       | .0863856<br>.0995815             | max        | .3071960             |
| PRA 1.0400000 PRB 1.0155669 PRC .9898283 L .1934147 min .0901443 max .2994077 S1 4.348111 SAB 5.500112 Sf 3.213719 K .1032704 z .0917926 m .0461880 n .1039231 gam 21.323511 b-al 12.246622 the 102.24664 phi 111.32353 m .0461880 PRA 1.0500000 PRB 1.0152114 PRC 1.0327087 L .1209469 min .0901443 max .2994077 S1 3.478497 SAB 3.065305 Sf 3.213719 K .0308026 z .1545516 m .0461880 n .1039231 gam 21.323511 b-al 12.246622 the 102.24664 phi 111.32353 2-LEVEL THRUST N 3.0000000 W1 .1400000 W2 .0900000 W3 .0500000 SF .0408497 LFr .7994289 PRA 1.0400000 PRB .9961252 PRC .9867818 L .2850800 min .0955789 max .2912953 S1 5.435151 SAB 4.115282 Sf 3.218981 K .1915010 z .0053827 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 PRC .9867818 L .1944943 min .0935789 max .2912953 S1 4.348122 SAB 3.571768 Sf 3.218981 K .109153 z .0838322 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 max .2912953 S1 4.348122 SAB 3.571768 Sf 3.218981 K .1099153 z .0838322 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 max .2912953 S1 4.348122 SAB 3.571768 Sf 3.218981 K .1009153 z .0838322 m .0577350 PRA 1.0600000 PRB .9955351 b-al 14.029655 the 104.02968 phi 111.32353 max .2912953 S1 4.348122 SAB 3.571768 Sf 3.218981 K .1009153 z .0838322 m .0577350 PRA 1.0600000 PRB .9944027 PRC 1.0086228 L .1341038 min .0935789 max .2912953 S1 3.623436 SAB 3.209425 Sf 3.218981 K .0405249 z .1361319 m .0577350   |  | PRA<br>Si      | 1.0399770<br>3.261089              | PRB<br>SAB       | 1.0349499<br>2.885640                  | PRC<br>Sf       | 1.0748296<br>3.209970             | L<br>K       | .1016236<br>.0152380                      | min<br>z       | .0863856<br>.1780310             | max<br>m   | •3071960<br>•0346410 |
| PRA 1.0500000 PRB 1.0152114 PRC 1.0327087 L 1209469 min .0901443 max .2994077 S1 3.478497 SAB 3.065305 Sf 3.213719 K .0308026 z .1545516 m .0461880 n .1039231 gam 21.323511 b-al 12.246622 the 102.24664 phi 111.32353 2-LEVEL THRUST N 3.0000000 W1 .1400000 W2 .0900000 W3 .0500000 SF .0408497 IFr .7994289 PRA 1.0400000 PRB .9961252 PRC .9867818 L .2850800 min .0935789 max .2912953 S1 5.435151 SAB 4.115282 Sf 3.218981 K .1915010 z .0053827 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 N 3.0000000 W1 .1400000 W2 .0900000 W3 .0500000 SF .0408497 IFr .7025452 PRA 1.0500000 PRB .9955355 PRC .9867818 L .1944943 min .0935789 max .2912953 S1 4.348122 SAB 3.571768 Sf 3.218981 K .1009153 z .0838322 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353 m .0577350 N 3.0000000 W1 .1400000 W2 .0900000 W3 .0500000 SF .0408497 IFr .7025452 PRA 1.0500000 PRB .9955355 PRC .9867818 L .1944943 min .0935789 max .2912953 S1 4.348122 SAB 3.571768 Sf 3.218981 K .1009153 z .0838322 m .0577350 N 3.0000000 W1 .1400000 W2 .0900000 W3 .0500000 SF .0408497 IFr .6379566 PRA 1.0600000 PRB .9944027 PRC 1.0086228 L .1341038 min .0935789 max .2912953 S1 3.623436 SAB 3.209425 Sf 3.218981 K .0405249 z .1361319 m .0577350   |  | PRA<br>Si      | 1.0400000                          | PRB<br>SAB       | 1.0155669<br>3.500112                  | PRC<br>Sf       | .9898283<br>3.213719              | L<br>K       | .1934147<br>.1032704                      | min<br>z       | .0901443<br>.0917926             | max        | 2994077              |
| PRA 1.0400000 PRB .9961252 PRC .9867818 L .2850800 min .0935789 max .2912953 Si 5.435151 SAB 4.115282 Sf 3.218981 K .1915010 z .0053827 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353  N 3.0000000 Wl .1400000 W2 .0900000 W3 .0500000 SF .0408497 IFr .7025452 PRA 1.0500000 PRB .9955355 PRC .9867818 L .1944943 min .0935789 max .2912953 Si 4.348122 SAB 3.571768 Sf 3.218981 K .1009153 z .0838322 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353  N 3.0000000 Wl .1400000 W2 .0900000 W3 .0500000 SF .0408497 IFr .6379566 PRA 1.0600000 PRB .9944027 PRC 1.0086228 L .1341038 min .0935789 max .2912953 Si 3.623436 SAB 3.209425 Sf 3.218981 K .0405249 z .1361319 m .0577350  |  | PRA<br>Si      | 1.0500000<br>3.478497              | PRB<br>SAB       | 1.0152114<br>3.065305                  | PRC<br>Sf       | 1.0327087<br>3.213719             | L<br>K       | .1209469<br>.0308026                      | min<br>z       | .0901443<br>.1545516             | max<br>m   | .2994077<br>.0461880 |
| PRA 1.0500000 PRB .9955355 PRC .9867818 L .1944943 min .0935789 max .2912953 Si 4.348122 SAB 3.571768 Sf 3.218981 K .1009153 z .0838322 m .0577350 n .1039231 gam 21.323511 b-al 14.029655 the 104.02968 phi 111.32353  N 3.0000000 wl .1400000 w2 .0900000 w3 .0500000 SF .0408497 LFr .6379566 PRA 1.0600000 PRB .9944027 PRC 1.0086228 L .1341038 min .0935789 max .2912953 Si 3.623436 SAB 3.209425 Sf 3.218981 K .0405249 z .1361319 m .0577350   |  | PRA<br>Si      | 1.0400000<br>5.435151              | PRB<br>SAB       | .9961252<br>4.115282                   | PRC<br>Sf       | .9867818<br>3.218981              | L<br>K       | .2850800<br>.1915010                      | min<br>z       | .0935789<br>.0053827             | max        | .2912953             |
| PRA 1.0600000 PRB .9944027 PRC 1.0086228 L .1341038 min .0935789 max .2912953 Si* 3.623436 SAB 3.209425 Sf 3.218981 K .0405249 z .1361319 m .0577350   |  | PRA<br>Si      | 1.0500000<br>4.348122              | PRB<br>SAB       | •9955355<br>3•5 <b>7</b> 1 <b>7</b> 68 | PRC<br>Sf       | .9867818<br>3.218981              | L<br>K       | .1944943<br>.1009153                      | min<br>z       | .0935789<br>.0838322             | max        | 2912953              |
|  |  | PRA<br>Si°     | 1.0600000<br>3.623436              | PRB<br>SAB       | •9944027<br>3•209425                   | PRC<br>Sf       | 1.0086228<br>3.218981             | L<br>K       | .1341038<br>.0405249                      | min<br>z       | .0935789<br>.1361319             | max<br>m   | .2912953<br>.0577350 |

|                      |  |                         |  |                         |   |                     |  |                       | d   |                          |  |
|----------------------|--|-------------------------|--|-------------------------|---|---------------------|--|-----------------------|---|--------------------------|--|
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0500000<br>5.217750<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9808395<br>4.078967<br>21.323511          | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9820402<br>3.226205<br>15.826319                   | w3<br>L<br>K<br>the | .0600000<br>.2679196<br>.1712290<br>105.82634  | SF<br>min<br>z<br>phi | .0447416<br>.0966905<br>.0129388<br>111.32353 | LFr<br>max<br>m          | .8058987<br>.2828599<br>.0692820               |
| N<br>PRA<br>Si       | 3.0000000<br>1.060000<br>4.348113<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9785533<br>3.644148<br>21.323511          | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9820402<br>3.226205                                | w3<br>L<br>K<br>the | .0600000<br>.1954498<br>.0987593<br>*105.82634 | SF<br>min<br>z<br>phi | .0447416<br>.0966905<br>.0756994              | LFr<br>max<br>m          | .7228546<br>.2828599<br>.0692820               |
| N<br>PRA<br>Si       | 3.0000000<br>1.0700000<br>3.726951<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9764802<br>3.333567<br>21.323511          | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9911043<br>3.226205<br>15.826319                   | w3<br>L<br>K<br>the | .0600000°<br>.1436863<br>.0469958<br>105.82634 | SF<br>min<br>z<br>phi | .0447416<br>.0966905<br>.1205279<br>111.32353 | LFr<br>max<br>m<br>2-LE  | .6635380<br>.2828599<br>.0692820<br>VEL THRUST |
| N<br>PRA<br>Si<br>n° | 3.0000000<br>1.0738625<br>3.261085<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.965 <b>77</b> 93<br>3.080618<br>21.323511 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0843668<br>3.226205<br>15.826319                  | w3<br>L<br>K<br>the | .0600000<br>.1048641<br>.0081736               | SF<br>min<br>z<br>phi | .0447416<br>.0966905<br>.1541489<br>111.32353 | IFr<br>mex<br>m<br>2-LE  | .6190510<br>.2828599<br>.0692820<br>VEL THRUST |
| N<br>PRA<br>Si       | 3.0000000<br>1.0600000<br>5.072817<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9688989<br>4.079642<br>21.323511          | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9743188<br>3.235935<br>17.639436                   | w3<br>L<br>K<br>the | .0700000<br>.2566719<br>.1572171<br>107.63946  | SF<br>min<br>z<br>phi | .0497179<br>.0994549<br>.0150735<br>111.32353 | LFr<br>max<br>m          | .8181591<br>.2740773<br>.0808291               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0700000<br>4.348109<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9658672<br>3.717288<br>21.323511          | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9743188<br>3.235935<br>17.639436                   | w3<br>L<br>K<br>the | .0700000<br>.1962795<br>.0968247<br>107.63946  | SF<br>min<br>z<br>phi | .0497179<br>.0994549<br>.0673748<br>111.32353 | LFr<br>max<br>m          | .7443409<br>.2740773<br>.0808291               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0800000<br>3.804606<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9631969<br>3.445537<br>21.323511          | w2 PRC Sf b-al          | .0900000<br>.9 <b>7</b> 50521<br>3.235935<br>1 <b>7.</b> 639436 | w3<br>L<br>K<br>the | .0700000<br>.1509876<br>.0515328<br>107.63946  | SF<br>min<br>z<br>phi | .0497179<br>.0994549<br>.1065988<br>111.32353 | LFr<br>max<br>m<br>2-LEV | .6889801<br>.2740773<br>.0808291<br>FEL THRUST |
| N<br>PRA<br>Si       | 3,0000000<br>1,0859813<br>3,381861<br>,1039231 | wl<br>PRB<br>SAB        | .1400000<br>.9563138<br>3.220572<br>21.323511          | Sf                      | .0900000<br>1.0506700<br>3.235935<br>17.639436                  | w3<br>L<br>K<br>the | .0700000<br>.1157589<br>.0163041<br>107.63946  | SF<br>min<br>z<br>phi | .0497179<br>.0994549<br>.1371077<br>111.32353 | LFr<br>max<br>m<br>2-LEV | .6459198<br>.2740773<br>.0808291<br>TEL THRUST |
| N<br>PRA<br>Si       | 3.0000000<br>1.0200000<br>4.348120<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>1.0786238<br>3.331735<br>23.199708         | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9730998<br>3.231224<br>8.714620                    | w3<br>L<br>K        | .0200000<br>.1954384<br>.1032586<br>98.714643  | SF<br>min<br>z<br>phi | .0431490<br>.0921798<br>.1032567              | LFr<br>max<br>m          | .6635180<br>.3146689<br>.0230940               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0300000<br>4.348125<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>1.0531483<br>3.401851<br>23.199708         | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9722923<br>3.233791<br>10.475587                   | w3<br>L<br>K<br>the | .0300000<br>.1967735<br>.1005197<br>100.47561  | SF<br>min<br>z<br>phi | .0447560<br>.0962539<br>.0956287<br>113.19973 | LFr<br>max<br>m          | .6808090<br>.3071960<br>.0346410               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0394839<br>3.261073<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>1.0456109<br>2.856641<br>23.199708         | Sf                      | .1000000<br>1.0826453<br>3.233791<br>10.475587                  | w3<br>L<br>K<br>the | .0300000<br>.1061859<br>.0099321<br>100.47561  | SF<br>min<br>z<br>phi | .0447560<br>.0962539<br>.1740799<br>113.19973 | IFr<br>max<br>m<br>2-LEV | .5908432<br>.3071960<br>.0346410<br>EL THRUST  |
| N<br>PRA<br>Si       | 3.0000000<br>1.0400000<br>4.348118<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>1.0295810<br>3.472733<br>23.199708         | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9710470<br>3.237540<br>12.246622                   | w3<br>L<br>K<br>the | .0400000<br>.1979790<br>.0979665<br>102.24664  | SF min z phi          | .0469017<br>.1000125<br>.0878399<br>113.19973 | LFr<br>max<br>m          | .6990414<br>.2994077<br>.0461880               |
| N<br>PRA<br>Si       | 3.0000000<br>1.0500000<br>3.478481<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>1.0275703<br>3.037915<br>23.199708         | Sf                      | .1000000<br>1.0371178°<br>3.237540<br>12.246622                 | w3<br>L<br>K<br>the | .0400000<br>.1255093<br>.0254967<br>102.24664  | SF<br>min<br>z<br>phi | .0469017<br>.1000125<br>.1506005              | LFr<br>mex<br>m<br>2-LEV | .6215334<br>.2994077<br>.0461880<br>EL THRUST  |

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|   | N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0400000<br>5.435158<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>1.0070565<br>4.087904<br>23.199708 | w2 .1000000<br>PRC .9691639<br>Sf 3.242802<br>b-al 14.029655  | w3<br>L<br>K<br>the | .0500000<br>.2896443<br>.1861971<br>104.02968 | SF<br>min<br>z<br>phi   | .0499964<br>.1034472<br>.0014299<br>113.19973   | LFr<br>max<br>m          | .8223276<br>.2912953<br>.0577350               |
|---|-----------------------------|--|-------------------------|--|---|---------------------|---|-------------------------|---|--------------------------|--|
|   | N<br>PRA<br>Si              | 3.0000000<br>1.0500000<br>4.348106             | wl<br>PRB<br>SAB        | .1400000<br>1.0081386<br>3.544378<br>23.199708 | w2 .1000000<br>PRC .9691639<br>Sf 3.242802<br>b-al 14.029655  | w3<br>L<br>K        | .0500000<br>.1990566<br>.0956094              | SF<br>min<br>z          | .0499964<br>.1034472<br>.0798811                | LFr<br>max<br>m          | .7185221<br>.2912953<br>.0577350               |
|   | n                           | .1154701                                       | gem                     |  |   | the                 | 104.02968                                     | phi                     | 113.19973                                       |                          |  |
|   | N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0600000<br>3.623421<br>.1154701 | PRB<br>SAB<br>gam       | 1400000<br>1.0064773<br>3.182035<br>23.199708  | w2 .1000000<br>PRC 1.0125381<br>Sf 3.242802<br>b-al 14.029655 | w3<br>L<br>K<br>the | .0500000<br>.1386662<br>.0352190<br>104.02968 | SF<br>min<br>z<br>phi   | .0499964<br>.1034472<br>.1321808<br>113.19973   | IFr<br>max<br>m<br>2-LE  | .6493197<br>.2912953<br>.0577350<br>VEL THRUST |
|   | N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0500000<br>5.217734<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9903379<br>4.051576<br>23.199708  | w2 .1000000<br>PRC .9663202<br>Sf 3.250026<br>b-al 15.826319  | w3<br>L<br>K<br>the | .0600000<br>.2724819<br>.1659231<br>105.82634 | SF<br>min<br>z<br>phi   | .0538893<br>.1065588<br>.0089876<br>113.19973   | LFr<br>max<br>m          | .8275957<br>.2828599<br>.0692820               |
|   | N<br>PRA<br>Si              | 3.0000000<br>1.0600000<br>4.348120<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9891764<br>3.616770<br>23.199708  | w2 .1000000<br>PRC .9663202<br>Sf 3.250026<br>b-al 15.826319  | w3<br>L<br>K<br>the | .0600000<br>.2000141<br>.0934553<br>105.82634 | SF<br>min<br>z<br>phi   | .0538893<br>.1065588<br>.0717466<br>113.19973   | IFr<br>max<br>m          | .7390175<br>.2828599<br>.0692820               |
|   | N<br>PRA<br>Si              | 3.0000000<br>1.0700000<br>3.726958<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1400000<br>.9870510<br>3.306188<br>23.199708  | w21000000<br>PRC .9959090<br>Sf 3.250026<br>b-al 15.826319    | w3<br>L<br>K<br>the | .0600000<br>.1482506<br>.0416918<br>105.82634 | SF<br>min<br>z<br>phi   | .0538893<br>.1065588<br>.1165751<br>113.19973   | LFr<br>max<br>m<br>2-LE  | .6757469<br>.2828599<br>.0692820<br>VEL THRUST |
|   | N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0700859<br>3.261092<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9721146<br>3.040924<br>23.199708  | w2 .1000000<br>PRC 1.0994205<br>Sf 3.250026<br>b-al 15.826319 | w3<br>L<br>K<br>the | .0600000<br>.1094284<br>.0028696<br>105.82634 | SF<br>min<br>z<br>phi   | .0538893<br>.1065588<br>.1501961<br>113.19973   | LFr<br>max<br>m<br>2-LEV | .6282940<br>.2828599<br>.0692820<br>VEL THRUST |
|   | N<br>PRA<br>Si              | 3.0000000<br>1.0600000<br>5.072802<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9757059<br>4.052252<br>23.199708  | w2 .1000000<br>PRC :9619346<br>Sf 3.259756<br>b-al 17.639436  | w3<br>L<br>K<br>the | .0700000<br>.2612343<br>.1519112<br>107.63946 | SF<br>min c<br>z<br>phi | .0588656<br>.1093231<br>.0111224<br>113.19973   | LFr<br>max<br>m          | .8391342<br>.2740773<br>.0808291               |
|   | N<br>PRA<br>Si              | 3.0000000<br>1.0700000<br>4.348116<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1400000<br>.9733202<br>3.689910<br>23.199708  | w2 .1000000<br>PRC .9619346<br>Sf 3.259756<br>b-al 17.639436  | w3<br>L<br>K<br>the | .0700000<br>.2008438<br>.0915207<br>107.63946 | SF<br>min<br>z<br>phi   | .0588656<br>.1093231<br>.0634220<br>113.19973   | LFr<br>max<br>m          | .7607050<br>.2740773<br>.0808291               |
|   | N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0800000<br>3.804613<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1400000<br>.9706631<br>3.418158<br>23.199708  | w2 .1000000<br>PRC .9824816<br>Sf 3.259756<br>b-al 17.639436  | w3<br>L<br>K<br>the | .0700000<br>.1555519<br>.0462288<br>107.63946 | SF<br>min<br>z<br>phi   | .0588656<br>.1093231<br>.1026460<br>113.19973   | LFr<br>max<br>m<br>2-LEV | .7018843<br>.2740773<br>.0808291<br>TEL THRUST |
|   | N<br>PRA<br>S <b>T</b><br>n | 3.0000000<br>1.0834352<br>3.381868<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9606748<br>3.184583<br>23.199708  | w2 .1000000<br>PRC 1.0655064<br>Sf 3.259756<br>b-al 17.639436 | w3<br>L<br>K<br>the | .0700000<br>.1203232<br>.0110001<br>107.63946 | SF<br>min<br>z<br>phi   | .0588656<br>.1093231<br>.1331550<br>113.19973   | LFr<br>mex<br>m<br>2-LEV | .6561327<br>.2740773<br>.0808291<br>EL THRUST  |
|   | N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0700000<br>4.969270<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9647556<br>4.074359<br>23.199708  | w2 .1000000<br>PRC .9548081<br>Sf 3.272803<br>b-al 19.470994  | w3<br>L<br>K<br>the | .0800000<br>.2533150<br>.1415772<br>109.47102 | SF<br>min<br>z<br>phi   | .0650635<br>.1117378<br>.0100718<br>113.19973   | IFr<br>max<br>m          | .8547917<br>.2649449<br>.0923761               |
| 1 | N<br>PRA<br>Si              | 3.0000000<br>1.0800000<br>4.348108<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1400000<br>.9618473<br>3.763778<br>23.199708  | w2 .1000000<br>PRC .9548081<br>Sf 3.272803<br>b-al 19.470994  | w3<br>L<br>K<br>the | .0800000<br>.2015514<br>.0898137<br>109.47102 | SF<br>min<br>z<br>phi   | .0650635<br>•.1117378<br>•.0549003<br>113.19973 | LFr<br>max<br>m          | .7836113<br>.2649449<br>.0923761               |

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| N        | 3.0000000                      | wl         | .1400000              | w2            | .1000000              | w3         | .0800000             | SF    | .0650635   | LFr          | .7282496             |
|----------|--------------------------------|------------|-----------------------|---------------|-----------------------|------------|----------------------|-------|------------|--------------|----------------------|
| PRA      | 1.0900000                      | PRB        | .9589843              | PRC           | •9689301              | L          | .1612911             | min   | .1117378   | max          | .2649449             |
| Si       | 3.864984                       | SAB        | 3.522216              | Sf            | 3.272803              | K          | •0495534             | Z     | .0897668   | m            | .0923761             |
| n        | .1154701                       | gem        | 23.199708             | b-al          | 19.470994             | the        | 109.47102            | phi   | 113.19973  | 2-LE         | VEL THRUST           |
|          |                                |            |                       |               |                       |            | .0                   |       | -((        |              | (0=0(00              |
| n        | 3.0000000                      | wl         | .1400000              | w2            | .1000000              | w3         | .0800000             | SF    | .0650635   | LFr          | .6839609             |
| PRA      | 1.0946179                      | PRB        | 9521950               | PRC           | 1.0383253             | L          | .1290836             | min   | .1117378   | max.         | 2649449              |
| Si       | 3.478494                       | SAB        | 3.310249              | Sf            | 3.272803              | K          | .0173459             | Z     | .1176593   | m<br>o TT    | .0923761             |
| n        | .1154701                       | gam        | 23.199708             | b-al          | 19.470994             | the        | 109.47102            | phi   | 113.19973  | 2-LE         | VEL THRUST           |
| *        | 7 0000000                      | 107        | .1400000              | w2            | .1100000              | w3         | .0200000             | SF    | .0541268   | LFr          | .6793566             |
| N<br>PRA | 3.0000000<br>1.0200000         | wl<br>PRB  | 1.0950572             | PRC           | .9571108              | L          | 2002735              | min   | 1024382    | max          | 3146689              |
| Si       | 4.348113                       | SAB        | 3.302717              | Sf            | 3.264421              | ĸ          | .0978353             | 2     | 0990694    | m            | .0230940             |
| n        | .1270171                       | gam        | 25.102621             | b-al          | 8.714620              | the        | 98.714643            | phi   | 115.10264  |              | •02,00,.0            |
| **       | •1510117                       | Pomi       | L).IOLOLI             | D-001         | 01/11/020             | 0110       | 700 (2101)           | P···  | 22/12020   | *            |                      |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | .0300000             | SF.   | .0557327   | LFr          | .6968069             |
| PRA      | 1.0300000                      | PRB        | 1.0687302             | PRC           | .9566244              | L          | .2016087             | min   | .1065123   | mex          | .3071960             |
| Si       | 4.348118                       | SAB        | 3.372833              | . Sf          | 3.266989              | K          | .0950964             | . z · | • .0914413 | m            | .0346410             |
| n ·      | .1270171                       | gem        | 25.102621             | b-al          | 10.475587             | the        | 100.47561            | phi ' | 115.10264  |              |                      |
|          |                                |            |                       |               | •                     |            |                      |       |            | •            |                      |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | •0300000             | SF.   | 0557327    | . LFr        | • .5999231           |
| PRA      | 1.0381155                      | PRB        | 1.0546998             | PRC           | 1.0971886             | L          | .1110230             | min   | 1065123    | max          | .3071960             |
| · Si .   | 3.261089                       | SAB        | 2.823173              | Sf            | 3.266989              | K          | .0045107             | Z     | 1698909    | m            | .0346410             |
| n        | .1270171                       | gam        | 25.102621             | b-al          | 10.475587             | the        | 100.47561            | phi   | 115:10264  | 2-LEV        | EL THRUST            |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | .0400000             | SF    | 0578795    | ĿFr          | .7152119             |
| PRA      | 1.0400000                      | PRB        | 1.0441930             | PRC           | .9558821              | L          | 2028141              | min   | 1102710    | max          | 2994077              |
| Si       | 4.348111                       | SAB        | 3.443716              | Sf            | 3.270738              | K          | .0925432             | Z     | .0836525   | m            | 0461880              |
| n        | .1270171                       | gan        | 25.102621             | b-al          | 12.246622             | the        | 102.24664            | phi   | 115.10264  |              | •0401000             |
| ••       | •12/01/1                       | Pom        | 2).102021             | <b>U-</b> 41. | 12,210022             | one        | 102,21001            | Pur   | 1          |              |                      |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | .0400000             | SF    | .0578795   | LFr          | .6321697             |
| PRA      | 1.0499585                      | PRB        | 1.0387221             | PRC           | 1.0465460             | L          | .1303463             | min   | :1102710   | max          | 2994077              |
| Si       | 3.478497                       | SAB        | 3.008764              | Sf            | 3.270738              | K          | .0200754             | Z     | .1464115   | m            | .p461880             |
| n        | .1270171                       | gam        | 25.102621             | b-al          | 12:246622             | the        | 102.24664            | phi   | 115.10264  | 2-LEV        | EL THRUST            |
|          | 7                              |            | 11,000,00             | 0             | 1100000               | 7          | 0500000              | SF    | .0609741   | LFr          | .7348843             |
| N<br>PRA | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | <b>w</b> 3 | .0500000<br>.2038937 | min   | .1137056   | max          | 2912953              |
| Si       | 1.0500000<br>4.3481 <b>2</b> 2 | PRB<br>SAB | 1.0215865<br>3.515372 | PRC<br>Sf     | .9547734              | L<br>K     | .0901881             | Z     | .0756921   | m            | 0577350              |
| n        | .1270171                       | gam        | 25.102621             | b-al          | 3.275999<br>14.029655 | the        | 104.02968            | phi   | 115.10264  | 141          | •0711770             |
| 11       | •1510111                       | Som        | 2).102021             | D-all         | 14.0230))             | one        | 104.02900            | PILL  | 11/010204  |              |                      |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | .0500000             | SF    | .0609741   | LFr          | .6610680             |
| PRA      | 1.0600000                      | PRB        | 1.0180261             | PRC           | 1.0206032             | L          | .1435032             | min   | .1137056   | max          | .2912953             |
| Si       | 3.623437                       | SAB        | 3.153029              | Sf            | 3.275999              | K          | .0297976             | z     | .1279918   | m            | .0577350             |
| n        | .1270171                       | gam        | 25.102621             | b-al          | 14.029655             | the        | 104.02968            | phi   | 115.10264  | 2-LEV        | EL THRUST            |
|          |                                |            |                       |               |                       |            |                      |       |            |              | •                    |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | •0600000             | SF    | .0648661   | LFr          | .8497009             |
| PRA      | 1.0500000                      |            | 1.0010105             | PRC           | .9531299              | L          | .2773190             | min   | .1168172   | max e        | .2828599             |
| Si       | 5.217750                       | SAB        | 4.022570              | Sf            | 3.283224              | K          | .1605017             | z     | .0047986   | m            | .0692820             |
| n        | .1270171                       | gam        | 25.102621             | b-al          | 15.826319             | the        | 105.82634            | phi   | 115.10264  |              |                      |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | .0600000             | SF    | .0648661   | LFr          | .7555847             |
| PRA      | 1.0600000                      |            | 1.0011329             | PRC           | •9531299              | L          | 2048493              | min   | .1168172   | max          | .2828599             |
| Si       | 4.348113                       | SAB        | 3.587752              | Sf            | 3.283224              | K          | .0880320             | Z     | .0675593   | m            | .0692820             |
| n        | .1270171                       |            | 25.102621             |               | 15.826319             | the        | 105.82634            | ph1   | 115.10264  |              |                      |
|          |                                |            |                       |               |                       |            |                      |       | -000       |              | (00                  |
| N.       | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | .0600000             | SF    | .0648661   | LFr          | .6883593             |
| PRA      | 1.0700000                      | PRB        | 9976963               | PRC           | 1.0041604             | L          | .1530857             | min   | .1168172   | max          | .2828599             |
| Si       | 3.726951                       | SAB        | 3.277171              | Sf            | 3.283224              | K          | .0362685             | Z     | .1123878   | m<br>O TEST  | .0692820             |
| n        | .1270171                       | gam        | 25.102621             | p-al          | 15.826319             | the        | 105.82634            | phi   | 115.10264  | ۷-141۷.      | EL THRUST            |
| N        | 3.0000000                      | wl         | .1400000              | w2            | .1100000              | w3         | .0700000             | SF    | .0698433   | lFr          | 8605385              |
| PRA      | 1.0600000                      | PRB        | 9847038               | PRC           | .9506715              | L L        | .2660713             | min   | 1195816    | max<br>Tr.T. | .8605385<br>.2740773 |
| Si       |                                | SAB        | 4.023246              | Sf            | 3.292953              | ĸ          | .1464898             | z ·   |            | m            | .0808291             |
|          | 5.072817                       | SAD        | T. UZ JZ TU           | OI            | J• 476711             |            |                      |       |            |              |                      |
| n        | .1270171                       |            | 25.102621             |               | 17.639436             | the        | 107.63946            | phi   | 115.10264  |              | •00000               |

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|   |  |   |   |  |   |  |   | 4-01   |  |  |  |
|---|--|---|---|--|---|--|---|--|--|--|--|
|   |  |   | 1 h00000  | w2 .1100000  | w3 ·  | .0700000   | SF  | .0698433   | LFr  | -7774935   |  |
| N   | 3.0000000  | wl  | .1400000  | PRC .9506715   | Ĺ   | .2056790   | min   | .1195816   | max  | .2740773   |  |
| PRA   | 1,0700000  | PRB   | .9831898  | Sf 3.292953  | ĸ   | .0860974   | Z   | .0592347   | m .  | .0808291   |  |
| Si  | 4.348109   | SAB   | 3.660892  | ()(  | the   | 107.63946  | phi   | 115.10264  |  |  |  |
| n   | .1270171   | gem   | 25.102621   | b-al 17.059450   | OLIC  | 10 1 80)) .0   | -   |  |  |  |  |
|   |  |   |   |  |   | 0700000  | SF  | .0698433   | LFr  | .7152119   |  |
| N   | 3.0000000  | wl  | .1400000  | w2 .1100000  | w3  | .0700000   |   | .1195816   | max  | .2740773   |  |
| PRA   | 1.0800000  | PRB   | .9796152  | PRC .9918376   | L   | .1603871   | min   | .0984586   | m  | 0808291  |  |
| S1  | 3.804606   | SAB   | 3.389140  | Sf 3.292953  | K   | .0408055   | Z   |  |  | EL THRUST  |  |
|   |  | 903   | 25.102621   | b-al 17.639436   | the   | 107.63946  | ph1   | 115.10264  | S-TRA                                      | EL THRUST  |  |
| n   | .1270171   | gam   | 2) 102021   | 4.000  |   |  |   |  |  |  |  |
|   |  |   | *1.00000  | w2 .1100000  | w3  | .0700000   | SF  | .0698433   | LFr  | .6667690   |  |
| Ν.  | 3.0000000  | wl  | .1400000  |  | Ĺ   | .1251583   | min   | .1195816   | max  | .2740773   |  |
| PRA   | 1.0797633  | PRB   | .9663086  |  | ĸ   | .0055768   | 2   | .1289676   | m  | .0808291   |  |
| Si  | 3.381861   | SAB   | 3.143147  | Sf 3.292953  |   | 107.63946  | phi   | 115.10264  | 2-LEV                                      | EL THRUST  |  |
| n   | .1270171   | gem   | 25.102621   | b-al 17.639436   | the   | 101.00940  | PILL  | 11/01020   |  |  |  |
|   |  |   |   |  |   | 0  | -   | or Cohia   | IFr  | .8757753   |  |
| N   | 3.0000000  | wl .  | .1400000  | w2 .1100000  | w3  | .0800000   | SF  | .0760412   |  | 2649449  |  |
| PRA   | 1.0700000  | PRB   | .9708269  | PRC .9468838   | L   | .2581520   | min   | .1219962   | max  |  |  |
|   |  | •   | 4.045353  | sf 3.306001  | K   | .1361558   | Z   | .0058828   | m  | .0923761   |  |
| Si  | 4.969286   | SAB   |   | b-al 19.470994   | the   | 109.47102  | phi   | 115.10264  |  |  |  |
| n   | .1270171   | gam   | 25.102621   | near 13.41 May   |   |  |   |  |  |  |  |
|   |  |   |   |  | w3  | .0800000   | SF  | .0760412   | LFr  | .8006411   |  |
| N.  | 3.0000000  | wl  | .1400000  | w2 .1100000  | _   | .2063885   | min   | 1219962  | max  | .2649449   |  |
| PRA   | 1.0800000  | PRB   | .9684009  | PRC .9468838   | L   | .0843923   | Z   | .0507113   | m  | .0923761   |  |
| Si  | 4.348124   | SAB   | 3.734771  | sr 3.306001  | K   |  |   | 115.10264  | 3 11                                       |  |  |
|   | .1270171   | gam   | 25.102621   | b-al 19.470994   | the   | 109.47102  | phi   | 117.10204  |  |  |  |
| ņ   | *TE10717   | 6.—   | -,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   |  |   |  |   | _0.1-0   |  | 71.00077   |  |
|   | T 0000000  | 1   | .1400000  | w2 .1100000  | w3  | .0800000   | SF  | .0760412   | LFr  | .7422037   |  |
| N   | 3.0000000  | wl  |   | PRC .9810192   | L   | .1661282   | min   | .1219962   | max  | •2649449   |  |
| PRA   | 1.0900006  | PRB   | .9647184  |  | ĸ   | 0441320  | Z   | .0855778   | m  | .0923761   |  |
| Si  | 3.865000   | SAB   | 3.493211  | Sf 3.306001  | the   | 109.47102  | phi   | 115.10264  | 2-LEV                                      | EL THRUST  |  |
| n   | .1270171   | gam   | 25.102621   | b-al 19.470994   | CIRC  | 103.41102  | P   | ,  |  |  |  |
|   |  |   |   |  |   | -0   | CTO   | .0760412   | LFr  | .6954517   |  |
| N   | 3.0000000  | wl  | .1400000  | w2 .1100000  | - W3  | .0800000   | SF  | .1219962   | max  | 2649449  |  |
| PRA   | 1.0918181  | PRB   | .9553415  | PRC 1.0577880  | L   | .1339188   | min   |  |  |  |  |
|   | 3.478487   | SAB   | 3.271491  | Sf 3.306001  | K   | .0119226   | Z   | .1134720   | m  | .0923761   |  |
| Si  |  |   | 25.102621   | b-al 19.470994   | the   | 109.47102  | phi   | 115.10264  | 2-149                                      | VEI. THRUST  |  |
| n   | .1270171   | gam   | 27.102021   | D-01 1/01/0//  |   |  |   |  |  |  |  |
|   |  |   | 21.00000  | v2 .1100000  | w3  | .0900000   | SF  | .0835629   | LFr  | .8942013   |  |
| N   | 3.0000000  | wl  | .1400000  | 1 4  | L   | 2522698  | min   | .1240498   | max  | .2554515   |  |
| PRA   |  |   | .9608673  |  | - 10  |  |   | .0027555   | 700  | .1039231   |  |
|   | 1.0800000  | PRB   |   |  | · K   | -1282200   | Z   |  | m  |  |  |
| Si  | 1.0800000<br>4.891641  | PRB<br>SAB  | 4.081124  | Sf 3.323531  | K   | .1282200   | z<br>phi  |  | 111  |  |  |
| Si  | 4.891641   |   |   |  | K<br>the  | 1282200  | phi   | 115.10264  |  |  |  |
|   | 1.0800000<br>4.891641<br>.1270171  | SAB   | 4.081124  | Sf 3.323531  | the   | 111.32353  | phi   | 115.10264  |  | . Roliga <u>7</u> 9  |  |
| n   | 4.891641<br>.1270171   | SAB   | 4.081124  | Sf. 3.323531<br>b-al 21.323511<br>w2 .1100000  | the   | .0900000   | phi<br>SF   | .0835629   | LFr  | .8249979   |  |
| n<br>N  | 4.891641<br>.1270171<br>3.0000000  | SAB<br>gam<br>wl  | 4.081124<br>25.102621<br>.1400000   | Sf. 3.323531<br>b-al 21.323511<br>w2 .1100000  | the   | .0900000 .2069760  | phi   | .0835629<br>.1240498   | LFr<br>mex                                 | .2554515   |  |
| n<br>N<br>PRA   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000   | SAB<br>gam<br>wl<br>PRB   | 4.081124<br>25.102621<br>.1400000<br>.9580755   | sr 3.323531<br>b-al 21.323511<br>v2 .1100000<br>PRC .9406707   | the<br>w3   | .0900000   | phi<br>SF<br>min<br>z   | .0835629<br>.1240498<br>.0419810   | LFr  |  |  |
| n<br>N<br>PRA<br>Si   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115   | SAB<br>gam<br>wl<br>PRB<br>SAB  | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361   | sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>sf 3.323531  | w3<br>L<br>K  | .0900000<br>.2069760<br>.0829262   | phi<br>SF<br>min  | .0835629<br>.1240498   | LFr<br>mex                                 | .2554515   |  |
| n<br>N<br>PRA   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000   | SAB<br>gam<br>wl<br>PRB   | 4.081124<br>25.102621<br>.1400000<br>.9580755   | sr 3.323531<br>b-al 21.323511<br>v2 .1100000<br>PRC .9406707   | the<br>w3<br>L                                      | .0900000 .2069760  | phi<br>SF<br>min<br>z   | .0835629<br>.1240498<br>.0419810<br>115.10264  | LFr<br>mex                                 | .2554515<br>.1039231   |  |
| n<br>N<br>PRA<br>Si   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam   | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511  | w3<br>L<br>K<br>the                                 | .0900000<br>.2069760<br>.0829262   | phi<br>SF<br>min<br>z<br>phi  | .0835629<br>.1240498<br>.0419810<br>115.10264  | LFr<br>mex                                 | .2554515<br>.1039231<br>.7696362   |  |
| n<br>N<br>PRA<br>Si<br>n  | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000  | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam   | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000   | the w3 L K the                                      | .0900000<br>.2069760<br>.0829262<br>111.32353  | phi<br>SF<br>min<br>z<br>phi<br>SF  | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629  | LFr<br>mex<br>m                            | .2554515<br>.1039231   |  |
| n<br>N<br>PRA<br>Si<br>n  | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB  | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941   | the w3 L K the                                      | .0900000<br>.2069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420  | phi<br>SF<br>min<br>z<br>phi<br>SF<br>min                                   | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498  | LFr<br>mex<br>m<br>LFr<br>mex              | .7696362<br>.2554515   |  |
| n<br>PRA<br>Si<br>n<br>N  | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam   | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531  | the w3 L K the                                      | .0900000<br>.2069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923  | phi<br>SF<br>min<br>z<br>phi<br>SF<br>min<br>z                              | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498  | LFr<br>mex<br>m<br>LFr<br>mex<br>m         | .2554515<br>.1039231<br>.7696362<br>.2554515<br>.1039231   |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si  | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB  | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941   | the w3 L K the                                      | .0900000<br>.2069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420  | phi<br>SF<br>min<br>z<br>phi<br>SF<br>min                                   | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498  | LFr<br>mex<br>m<br>LFr<br>mex<br>m         | .7696362<br>.2554515   |  |
| n<br>PRA<br>Si<br>n<br>N  | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB                                       | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531  | the w3 L K the                                      | .0900000<br>.2069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353   | phi SF min z phi SF min z phi   | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264   | LFr<br>mex<br>m<br>LFr<br>mex<br>m<br>2-LE | .2554515<br>.1039231<br>.7696362<br>.2554515<br>.1039231<br>VEI. THRUST  |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam                                | 4.081124<br>25.102621<br>.140000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511  | the w3 L K the                                      | .0900000<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353   | phi SF min z phi SF min z phi SF  | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629   | IFr mex m  IFr mex m 2-LE                  | .7243405   |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam                                | 4.081124<br>25.102621<br>.140000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000   | the w3 L K the w3 L K the                           | .0900000<br>.2069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353   | phi SF min z phi SF min z phi   | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498   | LFr<br>mex<br>m<br>LFr<br>mex<br>m<br>2-LE | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515   |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam                                | 4.081124<br>25.102621<br>.140000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355  | Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC 1.0347982  | the w3 L K the w3 L K the                           | .0900000<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353   | phi SF min z phi SF min z phi SF  | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347   | LFr mex m  LFr mex m 2-LE LFr mex m        | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231   |  |
| n<br>N PRA<br>Si n<br>N PRA<br>Si n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam                                | 4.081124<br>25.102621<br>.140000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170  | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC 1.0347982<br>Sf 3.323531   | the w3 L K the w3 L K the                           | .0900000<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464   | phi SF min z phi SF min z phi SF min z                                      | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347   | LFr mex m  LFr mex m 2-LE LFr mex m        | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515   |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam                                | 4.081124<br>25.102621<br>.140000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355  | Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC 1.0347982  | the w3 L K the w3 L K the                           | .0900000<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961   | phi SF min z phi SF min z phi sF min  | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498   | LFr mex m  LFr mex m 2-LE LFr mex m        | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST                                     |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171   | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam                                | 4.081124<br>25.102621<br>.140000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621   | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511   | the w3 L K the w3 L K the the                       | .0900000<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353  | phi SF min z phi SF min z phi SF min z phi                                  | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264  | LFr mex m  LFr mex m 2-LE LFr mex m        | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST                                     |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000  | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam     | 4.081124<br>25.102621<br>.140000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000   | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1200000  | the w3 L K the w3 L K the w3 L K the                | .0900000<br>.069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353   | phi SF min z phi SF min z phi SF min sF min sF min sF                       | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264  | IFr mex m  IFr mex m 2-LE  IFr mex m 2-LE  | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST                                     |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000<br>1.02000000  | SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB                                     | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154   | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1200000<br>PRC .9465876  | the w3 L K the w3 L K the w3 L K the                | .0900000<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353  | phi SF min z phi SF min z phi SF min sF min z phi                           | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264  | LFr mex m  LFr mex m 2-LE  LFr mex m 2-LE  | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST<br>.6955834<br>.3146689             |  |
| n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n<br>N PRA<br>Si<br>n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000  | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam     | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154<br>3.271961   | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1200000<br>PRC .9465876<br>Sf 3.313115   | the w3 L K the w3 L K the w3 L K K K                | .0900000<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353<br>.0200000<br>.2054005<br>.0922957  | phi SF min z phi SF min z phi SF min z phi SF min z                         | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264<br>.0672436<br>.1131048<br>.0946293  | IFr mex m  IFr mex m 2-LE  IFr mex m 2-LE  | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST                                     |  |
| n N PRA Si n N PRA Si n N PRA Si n N PRA Si n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000<br>1.02000000  | SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB                                     | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154   | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1200000<br>PRC .9465876  | the w3 L K the w3 L K the w3 L K the                | .0900000<br>.069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353<br>.0200000<br>.2054005<br>.0922957   | phi SF min z phi SF min z phi SF min sF min z phi                           | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264  | LFr mex m  LFr mex m 2-LE  LFr mex m 2-LE  | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST<br>.6955834<br>.3146689             |  |
| n N PRA Si n N PRA Si n N PRA Si n N PRA Si n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000<br>1.0200000<br>4.348119   | SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam                             | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154<br>3.271961   | Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>w2 .1200000<br>PRC .9465876<br>Sf 3.313115   | the w3 L K the w3 L K the w3 L K the                | .0900000<br>.069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353<br>.0200000<br>.2054005<br>.0922957<br>98.714643                                      | phi SF min z phi SF min z phi SF min z phi sF min z phi                     | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264<br>.0672436<br>.1131048<br>.0946293<br>117.03566                                     | LFr mex m  LFr mex m 2-LE  LFr mex m 2-LE  | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST<br>.6955834<br>.3146689<br>.0230940 |  |
| n N PRA Si n N PRA Si n N PRA Si n N PRA Si n   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000<br>1.0200000<br>4.348119<br>.1385641                             | SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB<br>gam     | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154<br>3.271961<br>27.035633                                      | Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1200000<br>PRC .9465876<br>Sf 3.313115<br>b-al 8.714620<br>W2 .1200000                 | the w3 L K the w3 L K the w3 L K K K                | .0900000<br>.069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353<br>.0200000<br>.2054005<br>.0922957<br>98.714643                                      | phi SF min z phi SF min z phi SF min z phi SF min z phi SF min SF           | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264<br>.0672436<br>.1131048<br>.0946293<br>117.03566                                     | LFr mex m LFr mex m 2-LE LFr mex m 2-LE    | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST<br>.6955834<br>.3146689<br>.0230940 |  |
| n N PRA Si n N PRA Si n N PRA Si n N PRA Si n N N PRA N N N PRA N N N N N N N N N N N N N N N N N N N | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000<br>4.348119<br>.1385641<br>3.0000000                             | SAB gam  wl PRB SAB gam  wl     | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154<br>3.271961<br>27.035633                                      | Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1200000<br>PRC .9465876<br>Sf 3.313115<br>b-al 8.714620<br>W2 .1200000                 | the w3 L K the w3 L K the w3 L K the                | .0900000<br>.069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353<br>.0200000<br>.2054005<br>.0922957<br>98.714643                                      | phi SF min z phi SF min z phi SF min z phi sF min z phi                     | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264<br>.0672436<br>.1131048<br>.0946293<br>117.03566                                     | LFr mex m 2-LE LFr mex m 2-LE LFr mex m    | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST<br>.6955834<br>.3146689<br>.0230940 |  |
| n N PRA Si n N PRA Si n N PRA Si n N PRA Si n N PRA   | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000<br>1.02000000<br>4.348119<br>.1385641<br>3.0000000<br>1.03000000 | SAB gam  wl PRB | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154<br>3.271961<br>27.035633                                      | Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1200000<br>PRC .9465876<br>Sf 3.313115<br>b-al 8.714620<br>W2 .1200000<br>PRC .9463320 | the  w3 L K the  w3 L K the  w3 L K the  w3         | .0900000<br>.069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353<br>.0200000<br>.2054005<br>.0922957<br>98.714643                                      | phi SF min z phi SF min z phi SF min z phi SF min z phi SF min SF           | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264<br>.0672436<br>.1131048<br>.0946293<br>117.03566<br>.0688496<br>.1171789<br>.0870013 | LFr mex m LFr mex m 2-LE LFr mex m 2-LE    | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST<br>.6955834<br>.3146689<br>.0230940 |  |
| n N PRA Si n N PRA Si n N PRA Si n N PRA Si n N N PRA N N N PRA N N N N N N N N N N N N N N N N N N N | 4.891641<br>.1270171<br>3.0000000<br>1.0900000<br>4.348115<br>.1270171<br>3.0000000<br>1.0999214<br>3.913309<br>.1270171<br>3.0000000<br>1.1027165<br>3.557557<br>.1270171<br>3.0000000<br>4.348119<br>.1385641<br>3.0000000                             | SAB gam  wl PRB SAB gam  wl     | 4.081124<br>25.102621<br>.1400000<br>.9580755<br>3.809361<br>25.102621<br>.1400000<br>.9545647<br>3.591649<br>25.102621<br>.1400000<br>.9479355<br>3.388170<br>25.102621<br>.1400000<br>1.1119154<br>3.271961<br>27.035633<br>.1400000<br>1.0847651<br>3.342077 | Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9406707<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC .9693941<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1100000<br>PRC 1.0347982<br>Sf 3.323531<br>b-al 21.323511<br>W2 .1200000<br>PRC .9465876<br>Sf 3.313115<br>b-al 8.714620<br>W2 .1200000                 | the  w3 L K the  w3 L K the  w3 L K the  w3 L K the | .0900000<br>.2069760<br>.0829262<br>111.32353<br>.0900000<br>.1707420<br>.0466923<br>111.32353<br>.0900000<br>.1410961<br>.0170464<br>111.32353<br>.0200000<br>.2054005<br>.0922957<br>98.714643<br>.0300000<br>.2067356<br>.0895567 | phi SF min z phi SF min z phi SF min z phi SF min z phi SF min sF min z phi | .0835629<br>.1240498<br>.0419810<br>115.10264<br>.0835629<br>.1240498<br>.0733605<br>115.10264<br>.0835629<br>.1240498<br>.0990347<br>115.10264<br>.0672436<br>.1131048<br>.0946293<br>117.03566                                     | LFr mex m 2-LE LFr mex m 2-LE LFr mex m    | .7696362<br>.2554515<br>.1039231<br>VEL THRUST<br>.7243405<br>.2554515<br>.1039231<br>VEL THRUST<br>.6955834<br>.3146689<br>.0230940 |  |

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| N         | 3.0000000              | wl         | .1400000              | w2        | .1200000              | w3      | .0400000             | SF                | .0709963                     | IFr              | .7318192             |
|-----------|------------------------|------------|-----------------------|-----------|-----------------------|---------|----------------------|-------------------|------------------------------|------------------|----------------------|
| PRA       | 1.0400000              | PRB        | 1.0593293             | PRC       | 9459444               | L       | .2079411             | min               | .1209376                     | mex              | 2994077              |
| Si        | 4.348116               | SAB        | 3.412960              | Sf        | 3.319432              | К.      | .0870035             | Z                 | .0792124                     | m                | .0461880             |
| n         | .1385641               | gem        | 27.035633             | b-al      | 12.246622             | the     | 102.24664            | phi               | 117.03566                    |                  |                      |
|           |                        |            |                       |           |                       |         |                      |                   |                              |                  | 0 1                  |
| N         | 3.0000000              | wl         | .1400000              | M5        | .1200000              | w3      | •0400000             | SF                | .0709963                     | LFr              | 6432409              |
| PRA       | 1.0494341              | PRB        | 1.0488623             | PRC       | 1.0633728             | L       | •1354733             | min               | 1209376                      | mex              | •29940 <b>7</b> 7    |
| Si        | 3.478503               | SAB        | 2.976184              | Sf        | 3.319432              | K       | .0145357             | Z                 | .1419714                     | m                | .0461880             |
| n.        | .1385641               | gam        | 27.035633             | b-al      | 12.246622             | the     | 102.24664            | phi               | 117.03566                    | 2-LE             | VEL THRUST           |
| **        | 7 0000000              | 1          | 11,00000              | 0         | .1200000              | ••7     | •0500000             | SF                | .0740910                     | LFr              | .7517042             |
| N<br>PRA  | 3.0000000              | Wl<br>PRB  | .1400000<br>1.0357001 | w2<br>PRC | .9453694              | w3<br>L | .2090206             | min               | .1243722                     | mex              | 2912953              |
| Si        | 1.0500000              | SAB        | 3.484616              | Sf        | 3.324693              | K       | .0846484             | Z.                | .0712520                     | m                | .0577350             |
| n         | 1385641                | gam        | 27.035633             | b-al      | 14.029655             | the     | 104.02968            | phi               | 117.03566                    | 100              | 00711770             |
| •         | •150/011               | Poem       | 21.00000              | D-CL      | ±10(2)()))            | 0110    | 201102700            | F                 | 2.5/100                      |                  |                      |
| N         | 3.0000000              | wl         | .1400000              | 12        | .1200000              | w3      | •0500000             | SF                | .0740910                     | LFr              | .6732750             |
| PRA       | 1.0598968              | PRB        | 1.0286933             | PRC       | 1.0352536             | L       | .1486302             | min               | .1243722                     | mex              | .2912953             |
| Si        | 3.623442               | SAB        | 3.121899              | Sf        | 3.324693              | K       | .0242579             | Z                 | .1235517                     | m                | •0577350             |
| n         | .1385641               | gam        | 27.035633             | b-al      | 14.029655             | the     | 104.02968            | phi               | 117.03566                    | 2-LE             | VEL THRUST           |
|           |                        |            | *1.00000              |           | 300000                |         | 0(00000              | CTT-              | ~~~09z0                      | LFr              | .8722811             |
| N         | 3.0000000              | wl         | .1400000              | w2        | .1200000              | w3      | .0600000             | SF                | .0779839<br>.1274839         |                  | .2828599             |
| PRA<br>Si | 1.0500000              | PRB<br>SAB | 1.0124918             | PRC<br>Sf | .9445285<br>3.331918  | L<br>K  | .2824440<br>.1549602 | min<br>z          | .0003602                     | max              | .0692820             |
|           | 5.217733<br>.1385641   |            | 3.991803<br>27.035633 |           | 15.826319             | the     | 105.82634            | phi               | 117.03566                    |                  | •00)2020             |
| n         | •1,00,041              | gam        | 21.00000              | n=aT      | 17.020719             | one     | 107.0207+            | , piii            | 12/10//00                    |                  |                      |
| N         | 3.0000000              | wl         | .1400000              | W2        | .1200000              | w3      | .0600000             | SF                | .0779839                     | LFr              | .7726307             |
| PRA       | 1.0600000              | PRB        | 1.0140188             | PRC       | .9445285              | L       | .2099762             | min               | .1274839                     | max              | .2828599             |
| Si        | 4.348119               | SAB        | 3.556996              | Sf        | 3.331918              | K       | 0824924              | z                 | .0631192                     | m                | .0692820             |
| n         | <b>.</b> 1385641       | gam        | 27.035633             |           | 15.826319             | the     | 105.82634            | phi               | 117.03566                    |                  |                      |
|           |                        |            |                       |           |                       |         |                      |                   |                              |                  | man lumal.           |
| N         | 3.0000000              | Wl         | .1400000              | w2        | .1200000              | w3      | .0600000             | SF                | .0779839                     | LFr              | .7014504             |
| PRA       | 1.0699582              | PRB        | 1.0080766             |           | 1.0181639             | L.      | .1582127             | min               | .1274839                     | max              | •2828599<br>•0692820 |
| Si        | 3.726957               | SAB        | 3.246259              | Sf        | 3.331918              | K       | .0307288             | Z                 | .1079477<br>117.03566        | 20⊤ππυ<br>20τππυ | EL THRUST            |
| n         | .1385641               | gam        | 27.035633             | D-8T      | 15 <b>.8263</b> 19    | the     | 105.82634            | phi               | 111.00)00                    |                  | M. IIIIODI           |
| N         | 3.0000000              | wl         | .1400000              | w2        | .1200000              | w3      | .0700000             | SF                | .0829601                     | LFr              | .8824377             |
| PRA       | 1.0600000              | PRB        | .9950061              | PRC       | .9432904              | L       | .2711964             | min               | .1302482                     | max              | .2740773             |
| Si        | 5.072800               | SAB        | 3.992479              | Sf        | 3.341648              | K       | .1409482             | Z                 | .0024949                     | m                | •0808291             |
| n         | .1385641               | gam        | 27.035633             | b-al      | 17.639436             | the     | 107.63946            | phi               | 117.03566                    |                  |                      |
|           | 7 0000000              |            | 21,00000              |           | 100000                |         | 07700000             | com.              | 0000603                      | T 773            | •7947817             |
| N<br>DDA  | 3.0000000<br>1.0700000 | Wl -       | .1400000<br>.9945076  | w2        | .1200000<br>.9432904  | w3      | .0700000<br>.2108059 | SF<br>min         | .0829601<br>.1302482         | LFr              | .2740773             |
| PRA<br>Si | 4.348115               | PRB<br>SAB | 3.630136              | PRC<br>Sf | 3.341648              | L<br>K  | .0805577             | min<br>Z          | .0547946                     | max<br>m         | .0808291             |
| n<br>or   | .1385641               | gam        | 27.035633             |           | 17.639436             | the     | 107.63946            | phi               | 117.03566                    | ш                | \$0000E91            |
| **        | •1,0,041               | Som        | 21.00000              | U-ai      | 11.00/94/0            | OHE     | 101.07940            | pni               | 111.00)00                    |                  |                      |
| N         | 3.0000000              | wl         | .1400000              | w2        | .1200000              | w3      | .0700000             | SF                | .0829601                     | LFr              | .7290411             |
| PRA       | 1.0799162              | PRB        | .9889062              |           | 1.0062744             | L       | .1655140             | min               | .1302482                     | max              | .2740773             |
| Si        | 3.804612               | SAB        | 3.358065              | Sf        | 3.341648              | K       | .0352658             | Z                 | .0940186                     | m                | .0808291             |
| n         | .1385641               | gam        | 27.035633             | b-al      | 17.639436             | the     | 107.63946            | phi               | 117.03566                    | 2-LEV            | EL THRUST            |
| N         | 3.0000000              | 1          | :1400000              |           | 1000000               | 7       | 070000               | SF                | .0829601                     | LFr              | .6779060             |
| N<br>PRA  | 1.0744986              | wl<br>PRB  | .9717343              | w2<br>PRC | .1200000<br>1.1112465 | w3      | .0700000<br>.1302853 | min               | .1302482                     | max              | .2740773             |
| Si        | 3.381.867              | SAB        | 3.094587              | Sf        | 3.341648              | L<br>K  | .0000371             | Z                 | .1245275                     | m                | .0808291             |
| n         | 1385641                |            | 27.035633             |           | 17.639436             | the     | 107.63946            | phi               | 117.03566                    |                  | EL THRUST            |
|           | ,.,                    | 0          | -10-22,-22            | -         | 210000,00             |         | 2010000              | F                 |                              |                  |                      |
| N         | 3.0000000              | wl         | .1400000              | w2        | .1200000              | w3*     | .0800000             | SF                | 0891581                      | LFr              | .8972788             |
| PRA       | 1.0700000              | PRB        | 9792737               | PRC       | .9414350              | L       | .2632771             | min               | .1326628                     | max              | .2649449             |
| Si        | 4.969269               | SAB        | 4.014585              | Sf        | 3.354695              | K       | .1306143             | Z                 | .0014444                     | m                | .0923761             |
| n         | .1385641               | gem        | 27.035633             | b-al :    | 19.470994             | the     | 109.47102            | phi               | 117.03566                    |                  |                      |
| N         | 3.0000000              | wl         | -1400000              | ••        | 1000000               | 7       | 0800000              | O <sub>CYTO</sub> | מאַמי באַז                   | T E-             | 8181006              |
| PRA       | 1.0800000              | PRB        | •1400000<br>•9775358  | w2<br>PRC | .1200000<br>.9414350  | w3<br>L | .0800000<br>.2115135 | SF                | .0891 <b>581</b><br>.1326628 | LFr<br>max       | .8181906<br>.2649449 |
| Si        | 4.348106               | SAB        | 3.704004              | Sf        | 3.354695              | K       | .0788507             | z                 | .0462729                     | m                | .0923761             |
| n         | .1385641               |            | 27.035633             |           | 19.470994             | the     | 109.47102            | phi               | 117.03566                    |                  |                      |
|           |                        | _          |                       |           |                       |         |                      | Ţ                 |                              |                  |                      |

Transplantation &

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# Automobilities.

|  |                 |                        |            |                       |                               | - 15     |                       |             | •                             |               |                      |
|--|-----------------|------------------------|------------|-----------------------|-------------------------------|----------|-----------------------|-------------|-------------------------------|---------------|----------------------|
|  | N<br>PRA        | 3.0000000<br>1.0897445 | wl<br>PRB  | .1400000<br>.9721739  | w2 .1200000<br>PRC .9968980   | w3<br>L  | .0800000              | SF<br>min   | .0891581<br>.1326628          | LFr           | .7566767<br>.2649449 |
| ***  | Si              | 3.864983               | SAB        | 3.461453              | Sf: 3.354695                  | ĸ        | .0385904              | Z           | .0811394                      | m             | .0923761             |
|  | n               | 1305641                | gam        | 27.035633             | b-al 19.470994                | the      | 109.47102             | phi         | 117.03566                     | 2-LE          | VEL THRUST           |
|  | N               | 3.0000000              | wl         | .1400000              | w2 .1200000                   | w3       | .0800000              | SF          | .0891581                      | LFr           | .7074680             |
|  | PRA             | 1.0878715              | PRB        | 9599822               | PRC 1.0829039                 | L        | .1390457              | min         | .1326628                      | max           | .2649449             |
|  | Si              | 3.478493               | SAB        | 3.227007              | Sf 3.354695                   | K        | .0063829              | ***         | .1090319                      | m<br>O Tra    | .0923761             |
|  | n               | .1385641               | gam        | 27.035633             | b-al 19.470994                | the      | 109.47102             | p <b>h1</b> | 117.03566                     | <b>∠=</b> L.E | VEL THRUST           |
| T  | N               | 3.0000000              | wl         | .1400000              | . w2 .1.200000                | w3       | .0900000              | SF          | .0966797                      | LFr           | .8428269             |
| I  | PRA             | 1.0900000              | PRB        | .9637620              | PRC .9385412                  | L        | .2121029              | min         | .1347164                      | max           | .2554515             |
|  | Si              | 4.348121<br>.1385641   | SAB        | 3.778605 • 27.035633  | Sf 3.372225<br>b-al_21.323511 | K<br>the | .0773865<br>111.32353 | z<br>phi    | .0375410<br>117.03566         | m             | .1039231             |
| Adjulies.  | n'              | 1707041                | gam        | 21.00000              | b=ai,ex.jejjii                | One      | 1.1.1.1. Jan 1977     | PILL        |                               |               |                      |
|  | N PRA           | 3.0000000<br>1.0995890 | wl<br>PRB  | .1400000<br>.9587608  | w2 .1200000<br>PRC .9881115   | w3<br>L  | .0900000<br>.1758690  | SF<br>min   | .0966797<br>.1347164          | LFr<br>max    | .7846975<br>.2554515 |
|  |                 | • 3.913314             | SAB        | 3.559593              | Sf 3.372225                   | K        | .0411526              |             | .0689205                      | m             | .1039231             |
| er great   | n               | 1385641                | gam        | 27.035633             | b-al 21.323511                | the      | 111.32353             | phi         | 117.03566                     |               | VEL THRUST           |
|  | N               | . 3.0000000            | wl         | . 1400000             | w2 .1200000                   | w3       | •0900000              | SF          | .0966797                      | LFr           | •7371340             |
| •  | PRA             | 1.0991872              | PRB        | .9500451              | PRC 1.0611976                 | Ĺ        | .1462212              | min         | .1347164                      | max           | -2554515             |
| 21 data  | •S1 •           | . 3:557540             | SAB        | 3.344846              | Sf 3.372225                   | K        | .0115048              | Z           | .0945962                      | m             | .1039231             |
|  | n .             | 1385641                | gam        | 27.035633             | b-al 21.323511                | the      | 111.32353             | phi         | 117.03566                     | 2-LEV         | VEL THRUST           |
| 30 <b>0</b> .0   | N •             | 3.0000000              | wl         | .1400000              | w2 .1200000                   | w3       | .1000000              | SF          | .1058035                      | LFr           | .8688345             |
| 110.69   | PRA             | 1.1000000              | PRB        | .9545208              | PRC .9336791                  | L        | .2125721              | min         | .1363952                      | max           | .2455832             |
| ore distriction  | Si•             | 4.348124               | SAB        | 3.853915              | Sf 3.396046                   | K        | .0761769              | Z           | .0285885                      | m             | .1154701             |
| Mark State   | n .             | .1385641               | gam        | 27.035633             | b-al 23.199708                | the      | 113.19973             | phi         | •117.03566                    |               |                      |
| 10 M   | N               | 3.0000000              | wl         | .1400000              | w2 .1200000                   | w3       | .1000000              | SF          | .1058035<br>.1363952          | LFr           | .8134699<br>.2455832 |
| The state of the s | PRA<br>Si       | 1.1092191<br>3.952822  | PRB<br>SAB | .9503046<br>3.653175  | PRC .9782284<br>Sf 3.396046   | L<br>K   | .1796303<br>.0432351  | min<br>z    | .0571169                      | max<br>m      | 1154701              |
| # 10V  | n               | .1385641               | gam        | 27.035633             | b-al 23.199708                | the      | 113.19973             | phi         | 117.03566                     |               | EL THRUST            |
| Diff for   | N               | 3.0000000              | wl         | .1400000              | w2 .1200000                   | w3       | .1000000              | SF          | .1058035                      | LFr           | .7673378             |
| Na Panalista   | PRA             | 1.1096916              | PRB        | .9440552              | PRC 1.0414205                 | L        | .1521816              | min         | .1363952                      | max           | .2455832             |
| <b>86</b> 100  | Si              | 3.623438               | SAB        | 3.454220              | Sf 3.396046                   | K        | .0157865              | Z 1         | .0808882<br>117.03566         | m<br>o tes    | 1154701<br>EL THRUST |
| ty or  | n               | .1385641               | gam        | 27.035633             | b-al 23.199708                | the      | 113.19973             | phi         | 111.00000                     | ∠=1.ÆV        |                      |
|  | N               | 3.0000000              | wl         | .1600,000             | w2 .0400000                   | w3       | .0200000              | SF          | .0084067                      | LFr           | .6346645             |
| Ber (Co  | PRA             | 1.0200000              | PRB        | .9909796              | PRC 1.1858819                 | L        | .1822701              | min         | .0386011                      | max           | 2944158              |
|  | S <b>i</b><br>n | 4.348133<br>.0461880   | SAB<br>gam | 3.410757<br>13.050236 | Sf 3.150344<br>b-al 9.281672  | K<br>the | .1436690<br>99.281695 | z<br>phi    | .0971211<br>103.05026         | m             | .0230940             |
| (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)  |                 | •0401000               | San        |                       |                               | one      |                       | biir        |                               |               |                      |
| Miles II   | N               | 3.0000000              | wl         | .1600000              | w2 .0400000                   | w3       | .0200000              | SF          | .0084067                      | LFr           | •5793028             |
|  | PRA<br>Si       | 1.0300000<br>2.898761  | PRB<br>SAB | .9885998<br>2.686072  | PRC 1.1863694<br>Sf 3.150344  | L<br>K   | .0614891<br>.0228880  | min<br>z    | .0386011<br>.201 <b>7</b> 205 | max           | .2944158<br>.0230940 |
|  | n               | .0461880               |            | 13.050236             | b-al 9.281672                 | the      | 99.281695             | phi         | 103.05026                     |               | EL THRUST            |
| *  | N               | 3.0000000              | wl         | .1600000              | w2 .0500000                   | w3       | .0200000              | SF          | .0114737                      | IFr           | .6501427             |
|  | PRA             | 1.0200000              | PRB        | 1.0036286             | PRC 1.1503193                 | Ľ        | .1857834              | min         | .0468719                      | max           | .2944158             |
|  | Si              | 4.348108               | SAB        | 3.389653              | Sf 3.153817                   | K        | .1389115              | Z           | .0940784                      | m             | .0230940             |
|  | n               | .0577350               | gam        | 14.955219             | b-al 9.281672                 | the      | 99.281695             | phi         | 104.95524                     |               |                      |
|  | N               | 3.0000000              | Wl         | .1.600000             | w2 • .0500000                 | w3       | .0200000              | SF          | .0114737<br>.0468719          | LFr<br>max    | .5855541<br>.2944158 |
|  | PRA<br>Si       | 1.0300000<br>2.898737  | PRB<br>SAB | 1.0035226<br>2.664967 | PRC 1.1792816<br>Sf 3.153817  | L<br>K   | .0650025<br>.0181306  | min<br>z    | .1986778                      | m             | .0230940             |
|  | n               | .0577350               | gem        | 14.955219             | b-al 9.281672                 | the      | 99.281695             | phi         | 104.95524                     |               | EL THRUST            |
| 7 39   | N               | 3.0000000              | wl         | .1600000              | w2 .0500000                   | w3       | .0300000              | SF          | .0131016                      | LFr           | .6678085             |
|  | PRA             | 1.0300000              | PRB        | .9849431              | PRC 1.1417706                 | L *      | .1.870728             | min         | .0508347                      | max           | .2868316             |
| 1  | Si              | 4.348115               | SAB        | 3.460045              | Sf 3.155540                   | K        | .1362381              | z           | .0863937                      | m             | .0346410             |
|  | n               | •0577350               | gam        | 14.955219             | b-al 11.159840                | the      | 101.15986             | phi         | 104.95524                     |               |                      |

|                     |  |                         |  |                  |  |                     | 0   |                       | 0   |                           |  |
|---------------------|--|-------------------------|--|------------------|--|---------------------|---|-----------------------|---|---------------------------|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261086<br>.0577350   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9821372<br>2.91.6531<br>14.955219                   | PRC 1.           | 0500000<br>141 <b>7</b> 706<br>•155540<br>•159840      | w3<br>L<br>K<br>the | .0300000<br>.0964871<br>.0456524<br>101.15986 | SF<br>min<br>z<br>phi | .0131016<br>.0508347<br>.1648432<br>104.95524 | LFr<br>max<br>m           | .6124458<br>.2868316<br>.0346410               |
| N.<br>PRA<br>Si     | 3.0000000<br>1.0200000<br>4.348115<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0176599<br>3.367240<br>16.876945                   | PRC 1.3          | 0600000<br>1159362<br>.158537<br>.281672               | w3<br>L<br>K<br>the | .0200000<br>.1895199<br>.1340267<br>99.281695 | SF<br>min<br>z<br>phi | .0154362<br>.0554932<br>.0908425<br>106.87697 | LFr<br>max<br>m           | .6657458<br>.2944158<br>.0230940               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>2.898744<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.01 <b>7</b> 8943<br>2.642555<br>16.8 <b>7</b> 6945 | PRC 1.1          | 0600000<br>1742466<br>.158537<br>.281672               | w3<br>L<br>K<br>the | .0200000<br>.0687390<br>.0132457<br>99.281695 | SF<br>min<br>z<br>phi | .0154362<br>.0554932<br>.1954419<br>106.87697 | LFr<br>• max<br>m<br>2-LF | .5919294<br>.2944158<br>.0230940<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348122<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9965204<br>3.437633<br>16.876945                    | PRC 1.1          | 0600000<br>1106561<br>160259<br>159840                 | w3<br>L<br>K<br>the | .0300000<br>.1908093<br>.1313532<br>101.15986 | SF<br>min<br>z<br>phi | .0170641<br>.0594560<br>.0831578<br>106.87697 | LFr<br>max<br>m           | .6834927<br>.2868316<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261093<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9958669<br>2.894119<br>16.876945                    | PRC 1.1          | 0600000<br>1106561<br>160259<br>159840                 | w3<br>L<br>K<br>the | .0300000<br>.1002235<br>.0407675<br>101.15986 | SF min z phi          | .0170641<br>.0594560<br>.1616073<br>106.87697 | IFr<br>max<br>m           | .6212101<br>.2868316<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348116<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9794196<br>3.508838<br>16.876945                    | PRC 1.1          | 0600000<br>015519<br>162757<br>050236                  | w3<br>L<br>K<br>the | .0400000<br>.1919613<br>.1288813<br>103.05026 | SF<br>min<br>z<br>phi | .0192442<br>.0630800<br>.0752986<br>106.87697 | IFr<br>max<br>m           | .7021494<br>•.2789086<br>.0461880              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478502<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9765086<br>.3.074031<br>.16.876945                  | PRC 1.1          | 0600000<br>.015519<br>.162757<br>.050236               | w3<br>L<br>K<br>the | .0400000<br>.1194935<br>.0564135<br>103.05026 | SF<br>min<br>z<br>phi | .0192442<br>.0630800<br>.1380575<br>106.87697 | LFr<br>max<br>m           | .6467877<br>.2789086<br>.0461880               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0575018<br>2.898745<br>.0692820   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9693279<br>2.776910<br>16.876945                    | PRC 1.1<br>Sf 3. | 0600000<br>.749878<br>162757<br>.050236                | w3<br>L<br>K<br>the | .0400000<br>.0711804<br>.0081003<br>103.05026 | SF<br>min<br>z<br>phi | .0192442<br>.0630800<br>.1798980<br>106.87697 | LFr<br>max<br>m<br>2-LEV  | .6098795<br>.2789086<br>.0461880<br>TEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000 ·<br>1.0200000<br>4.348103<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0325143<br>3.343367<br>18.818803                   | PRC 1.0<br>Sf 3. | 700000<br>836441<br>164803<br>281672                   | w3<br>L<br>K<br>the | .0200000<br>.1934967<br>.1290073<br>99.281695 | SF<br>min<br>z<br>phi | .0204563<br>.0644895<br>.0873985<br>108.81882 | LFr<br>max<br>m           | .6815214<br>.2944158<br>.0230940               |
| N<br>PRA<br>Si°     | 3.0000000<br>1.0298849<br>2.898732<br>.0808290   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0309194<br>2.618347<br>18.818803                   | PRC 1.1<br>Sf 3. | 700000<br>724508<br>164803<br>281672                   | w3<br>L<br>K<br>the | .0200000<br>.0727158<br>.0082263<br>99.281695 | SF<br>min<br>z<br>phi | .0204563<br>.0644895<br>.1919979<br>108.81882 | LFr<br>max<br>m<br>2-LEV  | .5984783<br>.2944158<br>.0230940<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348132<br>.0808290   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0097373<br>3.413771<br>18.818803                   | PRC 1.0          | 700000<br>801 <b>77</b> 7<br>166525<br>15 <b>9</b> 840 | w3<br>L<br>K<br>the | .0300000<br>.1947880<br>.1263357<br>101.15986 | SF<br>min<br>z<br>phi | .0220842<br>.0684523<br>.0797121<br>108.81882 | LFr<br>max<br>m           | .6993685<br>.2868316<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261081<br>.0808290   | wl<br>PRB<br>SAB<br>gam | .1600000<br>1.0115217<br>2.870246<br>18.818803                   | PRC 1.0          | 700000<br>906581<br>166525<br>159840                   | w3<br>L<br>K<br>the | .0300000<br>.1042004<br>.0357481<br>101.15986 | SF<br>min<br>z<br>phi | .0220842<br>.0684523<br>.1581633<br>108.81882 | LFr<br>max<br>m<br>2-LEV  | .6301651<br>.2868316<br>.0346410<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348126<br>.0808290   | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9899509<br>3.484976<br>18.818803                    | PRC 1.0          | 700000<br>745147<br>169023<br>050236                   | w3<br>L<br>K<br>the | .0400000<br>.1959400<br>.1238638<br>103.05026 | SF<br>min<br>z<br>phi | .0242643<br>.0720763<br>.0718529<br>108.81882 | IFr<br>max<br>m           | .7181397<br>.2789086<br>.0461880               |

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|----------|------------------------|------------|-----------|------------------------------|-----------------|-------------------------------|-------------|----------------------|-------|----------------------|
|          | - 0000000              | wl.        | .1.600000 | w2 .0700000                  | w3              | .0400000                      | SF          | .0242643             | LFr   | .6572399<br>.2789086 |
| N        | 3.0000000              | PRB        | .9885183  | PRC 1.0745147                | L               | 1234703                       | min         | .0720763             | max   | .0461880             |
| PRA      | 1.0500000<br>3.478490  | SAB        | 3.050158  | Sf 3.169023                  | K               | .0513941                      | Z           | .1346135             | ш     | *0407000             |
| Si       | .0808290               | gam        | 18.818803 | b-al 13.050236               | the             | 103.05026                     | phi         | 108.81882            |       |                      |
| n        | .0000290               | Dom.       | 20000     |                              | ₩               | 1.00000                       | CTD)        | .0242643             | LFr   | .6166411             |
| 37       | 3.0000000              | wl         | .1600000  | w2 .0700000                  | w3              | .0400000                      | SF          | 0720763              | max   | 2789086              |
| N<br>PRA | 1.0549355              | PRB        | 9773294   | PRC 1.1809940                | L               | .0751572                      | min         | 1764539              | m     | .0461880             |
| Si       | 2.898732               | SAB        | 2.745597  | Sf 3.169023                  | K               | .0030809                      | Z           | 108.81882            |       | IL THRUST            |
| n        | 0808290                | gam        | 18.818803 | b-al 13.050236               | the             | 103.05026                     | phi         | 100.01002            |       |                      |
| **       | •0000=,                | J          |           |                              |                 | 0500000                       | <b>ਂ</b> ਬਾ | .0273838             | LFr   | .7381306             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0700000                  | w3              | .0500000                      | SF<br>min   | 0753524              | max   | .2706377             |
| PRA      | 1.0500000              | PRB        | •9743352  | PRC 1.0651127                | L               | .1969566                      | Z           | .0638097             | m°    | .0577350             |
| Si       | 4.348110               | SAB        | 3.556982  | Sf 3.172496                  | K               | .1216043<br>104.95524         | phi         | 108.81882            |       |                      |
| n        | .0808290               | gam        | 18.818803 | b-al 14.955219               | the             | 104.97724                     | PILL        | 100,010              |       |                      |
|          |                        |            |           |                              |                 | 0500000                       | SF          | .0273838             | LFr   | .6827688             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0700000                  | <b>w</b> 3      | .0500000                      | min         | .0753524             | max   | .2706377             |
| PRA      | 1.0600000              | PRB        | .9714242  | PRC 1.0651127                | L               | .1365662                      | Z           | .1161093             | m     | .0577350             |
| Si       | 3.623424               | SAB        | 3.194639  | Sf 3.172496                  | K               | .0612138                      | phi         | 108.81882            |       |                      |
| n .      | .0808290               | gam        | 18.818803 | b-al 14.955219               | the             | 104.95524                     | PILL        | 100.01005            |       |                      |
| ple:     |                        |            |           |                              | 7               | 0500000                       | SF          | 0273838              | LFr   | .6432238             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0700000                  | w3              | .0500000                      | min         | .0753524             | max   | .2706377             |
| PRA      | 1.0690763              | PRB        | .9659795  | PRC 1.1197694                | L               | .0934296<br>.0180772          | Z           | 1534667              | m ·   | .0577350             |
| Si       | 3.105785               | SAB        | 2.932949  | Sf 3.172496                  | K               | 104.95524                     | phi         | 108.81882.           | 2-LEV | EL THRUST            |
| n        | .0808290               | gam        | 18.818803 | b-ai 14.955219               | the             | 104.97724                     | Pill        | 100.01               |       |                      |
|          |                        |            |           |                              | 7               | .0200000                      | SF          | .0266829             | LFr   | .6975136             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0800000                  | <b>w</b> 3      | 1977272                       | min         | .0738650             | max   | .2944158             |
| PRA      | 1.0200000              | PRB        | 1.0479603 | PRC 1.0537865                | L               | .1238623                      | Z           | .0837348             | m     | .0230940             |
| Si       | 4.348123               | SAB        | 3.318005  | Sf 3.173048                  | K<br>the        | 99.281695                     | phi         | 110.78334            |       |                      |
| n        | .0923761               | gem        | 20.783323 | b-al 9.281672                | Office          | 99.2020)                      | F           |                      | ri    |                      |
|          |                        |            |           |                              | 7               | .0200000                      | SF          | .0266829             | LFr   | .6052418             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0800000                  | w3<br>L         | .0769444                      | min         | .0738650             | max   | .2944158             |
| PRA      | 1.0289739              | PRB        | 1.0421671 | PRC 1.1753948                | K               | 0030794                       | z           | .1883358             | m     | .0230940             |
| Si       | 2.898729               | SAB        | 2.590333  | Sf 3.173048                  |                 | 99.281695                     | phi         | 110.78334            | 2-LEV | TEL THRUST           |
| n        | .0923761               | gam        | 20.783323 | b-al 9.281672                | the             | 99.2010))                     |             |                      |       |                      |
|          |                        |            | . (       | w2 .0800000                  | w3              | .0300000                      | SF          | .0283108             | LFr   | •7154770             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0800000<br>PRC 1.0514330 | L               | 1990147                       | min         | .0778277             | max   | .2868316             |
| PRA      | 1.0300000              | PRB        | 1.0239280 | sf 3.174770                  | K               | .1211869                      | Z           | .0760517             | m     | .0346410             |
| Si       | 4.348107               | SAB        | 3.388386  | b-al 11.159840               | the             | 101.15986                     | phi         | 110 <b>.7</b> 8334   |       |                      |
| n        | .0923761               | gem        | 20.783323 | D=dil 11.1//010              |                 |                               |             |                      |       | (-07570              |
| 3.5      | - <b>-</b>             | 7          | .1600000  | w2 .0800000                  | w3              | .0300000                      | • SF        | .0283108             | LFr   | .6393538             |
| N        | 3.0000000              | MT.        | 1.0269450 | PRC 1.0866820                | L               | .1084290                      | min         | .0778277             | max   | .2868316             |
| PRA      | 1.0400000              | PRB        | 2.844872  | Sf 3.174770                  | K               | .0306012                      | z           | .1545012             | m     | .0346410             |
| Si       | 3.261078               | SAB<br>gam | 20.783323 | b-al 11.159840               | the             | 101.15986                     | phi         | 110.78334            | 2-LE  | VEIL THRUST          |
| n        | .0923761               | g can      | 20.107727 |                              |                 |                               |             |                      |       | .7343846             |
|          | 7 0000000              | wl         | .1600000  | w2 .0800000                  | w3              | .0400000                      | SF          | 0304909              | LFr   | .2789086             |
| N<br>PRA | 3.0000000<br>1.0400000 | PRB        | 1.0023546 | PRC 1.0477130                | L               | .2001.686                     | min         | .0814518             | max   | .0461880             |
| Si       | 4.348124               | SAB        | 3.459602  | Sf 3.177268                  | K -             | .1187169                      | Z.          | .0681908             | m     | •00000               |
|          | .0923761               | gam        | 0         | b-al 13.050236               | the             | 103.05026                     | phi         | 110.78334            |       |                      |
| n        | •0327101               | 000        |           |                              |                 | 1 - 1 - 5                     |             | 0701000              | LFr   | .6679497             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0800000                  | w3              | .0400000                      | SF          | .0304909<br>.0814518 | max   | 2789086              |
| PRA      | 1.0500000              | PRB        |           | PRC 1.0477130                | L               | .1276989                      | min         | .1309514             | m     | 0461880              |
| Si       | 3.478488               | SAB        | 3.024784  | Sf 3.177268                  | K               | .0462472                      | Z           |                      |       |                      |
| n        | .0923761               | gam        | 20.783323 | b-al 13.050236               | the             | 103.05026                     | phi         | エエロ・1077十            |       |                      |
|          |                        |            |           | 202222                       | 7               | .0500000                      | SF          | .0336113             | LFr   | .7545262             |
| N        | 3.0000000              | Wl         | .1600000  | w2 .0800000                  | w3              | .2011871                      | min         |                      | max   | .2706377             |
| PRA      |                        | PRE        |           | PRC 1.0418579                | L               | .1164593                      | Z           | .0601459             | m     | .0577350             |
| Si       | 4.348130               | SAB        | 3.531619  | sf 3.180741                  | K               | 1                             | z<br>phi    |                      |       |                      |
| n        | .0923761               | gan        | 20.783323 | b-al 14.955219               | the             | 104•97724                     | Lili        |                      |       | •                    |
|          |                        |            |           | .0                           | 7               | 050000                        | SF          | .0336113             | LFr   | .6945496             |
| N        | 3.0000000              | wl         | .1600000  | w2 .0800000                  | <b>w</b> 3<br>L | .0500000<br>.140 <b>7</b> 948 | min         |                      | • max | .2706377             |
| PRA      |                        | PRE        |           | PRC 1.0418579                | K               | .0560669                      | Z           | 1124473              | m     | .0577350             |
| Si       | 3.623422               | SAE        |           | Sf 3.180741                  |                 | 1                             | phi         | -01                  |       |                      |
| n        | .0923761               | gan        | 20.783323 | b-al 14.955219               | the             | エロマ・フノノロマ                     | 5.11        |                      |       |                      |

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| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0677486<br>3.105806<br>.0923761 | wl .1600000<br>PRB .9737398<br>SAB 2.903465<br>gam 20.783323   | w2 .0800000<br>PRC 1.1250425<br>Sf 3.180741<br>b-al 14.955219 | w3<br>L<br>K<br>the  | .0500000.<br>.0976601.<br>.0129322<br>104.95524 | SF<br>min<br>z<br>phi | .0336113<br>.0847279<br>.1498030<br>110.78334 | LFr<br>max<br>m<br>2=LEV  | .6517105<br>.2706377<br>.0577350<br>EL THRUST |
|---------------------|--|--|---|----------------------|---|-----------------------|---|---------------------------|---|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>4.348116<br>.0923761 | wl .1600000<br>PRB .9696291<br>SAB 3.604406<br>gam 20.783323   | w2 .0800000<br>PRC 1.0323829<br>Sf 3.185461<br>b-al 16.876944 | w3<br>L<br>K<br>the  | .0600000<br>.2020741<br>.1144205<br>106.87697   | SF<br>min<br>z<br>phi | .0375452<br>.0876536<br>.0519116<br>110.78334 | lFr<br>mex<br>m           | •7756863<br>•2620164<br>•0692820              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>3.726953<br>.0923761 | wl .1600000<br>PRB .9667654<br>SAB 3.293824<br>gam 20.783323   | w2  | w3<br>L<br>K<br>the  | .0600000<br>.1503105<br>.0626570<br>106.87697   | SF<br>min<br>z<br>phi | .0375452<br>.0876536<br>.0967401<br>110.78334 | LFr<br>max<br>m           | .7203245<br>.2620164<br>.0692820              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0792453<br>3.261087<br>.0923761 | wl .1600000<br>PRB .9617350<br>SAB 3.058429<br>gam 20.783323   | w2 .0800000<br>PRC 1.0829749<br>Sf 3.185461<br>b-al 16.876944 | w3<br>L<br>K<br>the  | .0600000<br>.1114884<br>.0238348<br>106.87697   | SF<br>min<br>z<br>phi | .0375452<br>.0876536<br>.1303611<br>110.78334 | LFr<br>mex<br>m<br>2-LEV  | .6788035<br>.2620164<br>.0692820<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348113<br>.1039231 | wl .1600000<br>PRB 1.0639000<br>SAB 3.291021<br>gam 22.773790  | w2 .0900000<br>PRC 1.0265293<br>Sf 3.183844<br>b-al 9.281672  | W3<br>L<br>K.<br>the | .0200000<br>.2022228<br>.1185874<br>99.281695   | SF<br>min<br>z<br>phi | .0342779<br>.0836355<br>.0798415<br>112.77381 | LFr<br>max<br>m           | .7137680<br>.2944158<br>.0230940              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348120<br>.1039231 | wl .1600000<br>PRB 1.0388074<br>SAB 3.361414<br>gam 22.773790  | w2 .0900000<br>PRC 1.0249086<br>Sf 3.185567<br>b-al 11.159840 | w3<br>L<br>K<br>the  | .0300000<br>.2035122<br>.1159140<br>101.15986   | SF<br>min<br>z<br>phi | .0359059<br>.0875982<br>.0721567<br>112.77381 | IFr<br>max<br>m           | •7318726<br>•2868316<br>•0346410              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261091<br>.1039231 | wl .1600000<br>PRB 1.0414597<br>SAB 2.817900<br>gam 22.773790  | w2 .0900000<br>PRC 1.0854724<br>Sf 3.185567<br>b-al 11.159840 | w3<br>L<br>K<br>the  | .0300000<br>.1129265<br>.0253283<br>101.15986   | SF<br>min<br>z<br>phi | .0359059<br>.0875982<br>.1506062<br>112.77381 | LFr<br>max<br>m<br>2=LEV  | .6488295<br>.2868316<br>.0346410<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348114<br>.1039231 | wl .1600000<br>PRB 1.0158729<br>SAB 3.432618<br>gam 22.773790  | w2 .0900000<br>PRC 1.0223985<br>Sf 3.188065<br>b-al 13.050236 | w3<br>L<br>K<br>the  | .0400000<br>.2046642<br>.1134420<br>103.05026   | SF<br>min<br>z<br>phi | .0380859<br>.0912223<br>.0642975<br>112.77381 | LFr<br>max<br>m           | •7509337<br>•2789086<br>•0461880              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478500<br>.1039231 | wl .1600000<br>PRB 1.0175778<br>SAB 2.997811<br>gam 22.773790  | w2 .0900000<br>PRC 1.0450937<br>Sf 3.188065<br>b-al 13.050236 | w3<br>L<br>K<br>the  | .0400000<br>.1321964<br>.0409742<br>103.05026   | SF<br>min<br>z<br>phi | .0380859<br>.0912223<br>.1270565<br>112.77381 | LFr<br>max<br>m<br>2-LEVE | .6789637<br>.2789086<br>.0461880<br>IL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348120<br>.1039231 | w1 .1600000<br>PRB .9954500<br>SAB 3.504635<br>gam 22.773790   | w2 .0900000<br>PRC 1.0185697<br>Sf 3.191538<br>b-al 14.955219 | w3<br>L<br>K<br>the  | .0500000<br>.2056828<br>.1111844<br>104.95524   | SF<br>min<br>z<br>phi | .0412064<br>.0944983<br>.0562526<br>112.77381 | LFr<br>max<br>m           | .7712460<br>.2706377<br>.0577350              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623434<br>.1039231 | wl .1600000<br>PRB .9949646 .<br>SAB 3.142292<br>gam 22.773790 | w2 .0900000<br>PRC 1.0208119<br>Sf 3.191538<br>b-al 14.955219 | w3<br>L<br>K<br>the  | .0500000<br>.1452923<br>.0507940<br>104.95524   | SF<br>min<br>z<br>phi | .0412064<br>.0944983<br>.1085523<br>112.77381 | LFr<br>max<br>m<br>2-LEVE | .7066565<br>.2706377<br>.0577350<br>IL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0655753<br>3.105795<br>.1039231 | wl .1600000<br>PRB .9822349<br>SAB 2.869730<br>gem 22.773790   | w2 .0900000<br>PRC 1.1322533<br>Sf 3.191538<br>b-al 14.955219 | w3<br>L<br>K<br>the  | .0500000<br>.1021557<br>.0076574<br>104.95524   | SF<br>min<br>z<br>phi | .0412064<br>.0944983<br>.1459097<br>112.77381 | LFr<br>max<br>m<br>2-LEVE | .6605215<br>.2706377<br>.0577350<br>IL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>4.348129<br>.1039231 | vl .1600000<br>PRB .9781534<br>SAB 3.577433<br>gam 22.773790   | w2 .0900000<br>PRC 1.0127036<br>Sf 3.196257<br>b-al 16.876944 | W3<br>L<br>K<br>the  | .0600000<br>.2065716<br>.1091475<br>106.87697   | SF<br>min<br>z<br>phi | .0451403<br>.0974241<br>.0480166<br>112.77381 | LFr<br>max<br>m           | .7925959<br>.2620164<br>.0692820              |

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| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0700000<br>3.726966<br>.1039231 | wl .1600000<br>PRB .9760764<br>SAB 3.266852<br>gam 22.773790  | w2 .0900000<br>PRC 1.0127036<br>Sf 3.196257<br>b-al 16.876944 | w3 .0600000<br>L .1548081<br>K .0573840<br>the 106.87697 | SF .0451403<br>min .0974241<br>z .0928452<br>phi 112.77381 | IFr .7332792<br>max .2620164<br>m .0692820                   |
|---------------------|--|---|---|--|--|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0780317<br>3.261077<br>.1039231 | wl .1600000<br>PRB .9686426<br>SAB 3.027487<br>gam 22.773790  | w2 .0900000<br>PRC 1.0899231<br>Sf 3.196257<br>b-al 16.876944 | w3 .0600000<br>L .1159840<br>K .0185599<br>the 106.87697 | SF .0451403<br>min .0974241<br>z .1264678<br>phi 112.77381 | LFr .6887903<br>max .2620164<br>m .0692820<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>4.348108<br>.1039231 | wl .1600000<br>PRB .9652476<br>SAB 3.651015<br>gam 22.773790  | w2 .0900000<br>PRC 1.0033591<br>Sf 3.202523<br>b-al 18.818803 | w3 .0700000<br>L .2073250<br>K .1073502<br>the 108.81882 | sF .0501585<br>min .0999748<br>z .0395731<br>phi 112.77381 | IFr .8151560<br>max .2530201<br>m .0808291                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>3.804606<br>.1039231 | wl .1600000<br>PRB .9624529<br>SAB 3.379263<br>gam 22.773790  | w2 .0900000<br>PRC 1.0033591<br>Sf 3.202523<br>b-al 18.818803 | w3 .0700000<br>L .1620331<br>K .0620583<br>the 108.81882 | SF .0501585 • min .0999748 z .0787971 phi 112.77381        | IFr .7597952<br>max .2530201<br>m .0808291                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0889574<br>3.381861<br>.1039231 | wl .1600000<br>PRB .9572962<br>SAB 3.164364<br>gam 22.773790  | w2 .0900000<br>PRC 1.0572057<br>Sf 3.202523<br>b-al 18.818803 | w3 .0700000<br>L .1268044<br>K .0268296<br>the 108.81882 | SF .0501585<br>min .0999748<br>z .1093060<br>phi 112.77381 | IFr .7167349<br>mex .2530201<br>m .0808291<br>2-LEVFL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348114<br>.1154701 | wl .1600000<br>PRB 1.0802965<br>SAB 3.262331<br>gam 24.793708 | w2 .1000000<br>PRC 1.0020132<br>Sf 3.197995<br>b-al 9.281672  | w3 .0200000<br>L .2070046<br>K .1131875<br>the 99.281695 | SF .0434237<br>min .0938170<br>z .0757004<br>phi 114.79373 | 1Fr .7303391<br>max .2944158<br>m .0230940                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348120<br>.1154701 | wl .1600000<br>PRB 1.0542507<br>SAB 3.332724<br>gem 24.793708 | w2 .1000000<br>PRC 1.0008963<br>Sf 3.199718<br>b-al 11.159840 | w3 .0300000<br>L .2082939<br>K .1105141<br>the 101.15986 | SF .0450516<br>min .0977798<br>z .0680156<br>phi 114.79373 | 1Fr .7486048<br>max .2868316<br>m .0346410                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261092<br>.1154701 | wl .1600000<br>PRB 1.0547189<br>SAB 2.789209<br>gem 24.793708 | w2 .1000000<br>PRC 1.0876616<br>Sf 3.199718<br>b-al 11.159840 | w3 .0300000<br>L .1177082<br>K .0199284<br>the 101.15986 | SF .0450516<br>min .0977798<br>z .1464651<br>phi 114.79373 | LFr .6586409<br>max .2868316<br>m .0346410<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348114<br>.1154701 | wl .1600000<br>PRB 1.0301789<br>SAB 3.403928<br>gam 24.793708 | w2 .1000000<br>PRC .9991896<br>Sf 3.202216<br>b-al 13.050236  | w3 .0400000<br>L .2094460<br>K .1080421<br>the 103.05026 | SF .0472317<br>min .1014038<br>z .0601564<br>phi 114.79373 | 1Fr .7678404<br>max .2789086<br>m .0461880                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478501<br>.1154701 | wl .1600000<br>PRB 1.0318685<br>SAB 2.969121<br>gem 24.793708 | w2 .1000000<br>PRC 1.0451974<br>Sf 3.202216<br>b-al 13.050236 | w3 .0400000<br>L .1369782<br>K .0355743<br>the 103.05026 | SF .0472317<br>min .1014038<br>z .1229154<br>phi 114.79373 | LFr .6903343<br>max .2789086<br>m .0461880<br>2-LEVEL THRUST |
| N<br>PRA<br>Si      | 3.0000000<br>1.0500000<br>4.348121<br>.1154701 | wl .1600000<br>PRB 1.0082989<br>SAB 3.475945<br>gam 24.793708 | w2 .1000000<br>PRC .9966403<br>Sf 3.205688<br>b-al 14.955219  | w3 .0500000<br>L .2104645<br>K .1057846<br>the 104.95524 | SF .0503521<br>min .1046799<br>z .0521115<br>phi 114.79373 | LFr .7883473<br>max .2706377<br>m .0577350                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623435<br>.1154701 | wl .1600000<br>PRB 1.0086138<br>SAB 3.113602<br>gam 24.793708 | w2 .1000000<br>PRC 1.0207826<br>Sf 3.205688<br>b-al 14.955219 | w3 .0500000<br>L .1500740<br>K .0453941<br>the 104.95524 | SF .0503521<br>min .1046799<br>z .1044112<br>phi 114.79373 | IFr .7191448<br>max .2706377<br>m .0577350<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0620976<br>3.105796<br>.1154701 | wl .1600000<br>PRB .9902525<br>SAB 2.830239<br>gam 24.793708  | w2 .1000000<br>PRC 1.1438058<br>Sf 3.205688<br>b-al 14.955219 | w3 .0500000<br>L .1069374<br>K .0022575<br>the 104.95524 | SF .0503521<br>min .1046799<br>z .1417686<br>phi 114.79373 | IFr .6697140<br>max .2706377<br>m .0577350<br>2-LEVEL THRUST |

| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0600000<br>4.348106<br>.1154701 | wl<br>PRB<br>SAB<br>SAB | .1600000<br>.9889688<br>3.548732<br>24.793708  | w2 .1000000<br>PRC .9928521<br>Sf 3.210408<br>b-al 16.876944   | w3<br>L<br>K<br>the         | .0600000<br>.2113514<br>.1037458<br>106.87697 | SF<br>min<br>z<br>phi | .0542860<br>.1076056<br>.0438772<br>114.79373 | IFr<br>max<br>m           | .8099051<br>.26201.64<br>.0692820               |
|-----------------------------|--|-------------------------|--|--|-----------------------------|---|-----------------------|---|---------------------------|---|
| N<br>PRA<br>S <b>1</b><br>n | 3.0000000<br>1.0700000<br>3.726944<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1600000<br>.9878202<br>3.238150<br>24.793708  | w2 .1000000<br>PRC 1.0036570<br>Sf 3.210408<br>b-al 16.876944  | w3<br>L<br>K<br>the         | .0600000<br>.1595879<br>.0519822<br>106.87697 | SF<br>min<br>z<br>phi | .0542860<br>.1076056<br>.0887057<br>114.79373 | LFr<br>max<br>ni<br>2-LEV | .7466335<br>.26201.64<br>.0692820<br>VEL THRUST |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0763275<br>3.261078<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9765326<br>2.993240<br>24.793708  | w2 .1000000<br>PRC 1.0983279<br>Sf 3.210408<br>b-al 16.876944  | w3<br>L<br>K                | .0600000<br>.1207657<br>.0131601<br>106.87697 | SF<br>min<br>z<br>phi | .0542860<br>.1076056<br>.1223267<br>114.79373 | IFr<br>max<br>m<br>2-LEV  | .6991816<br>.2620164<br>.0692820<br>VEL THRUST  |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0700000<br>4.348109<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1600000<br>.9728224<br>3.622325<br>24.793708  | w2 .1000000<br>PRC .9871375<br>Sf 3.216674<br>b-al 18.818803   | w3<br>L.K<br>the            | .0700000<br>.2121067<br>.1019504<br>108.81882 | SF<br>min<br>z<br>phi | .0593043<br>.1101564<br>.0354320<br>114.79373 | LFr<br>max<br>m           | .8326931<br>.2530201<br>.0808291                |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0800000<br>3.804606<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9706584<br>3.350574<br>24.793708  | w2 .1000000<br>PRC .9890573<br>Sf 3.216674<br>b-al 18.818803   | w3<br>L<br>K<br>the         | .0700000<br>.1668148<br>.0566585<br>108.81882 | SF<br>min<br>z<br>phi | .0593043<br>.1101564<br>.0746560<br>114.79373 | LFr<br>mex<br>m<br>2-LEV  | .7738724<br>.2530201<br>.0808291<br>/EL THRUST  |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0876868<br>3.381861<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9629754<br>3.131377<br>24.793708  | w2 .1000000<br>PRC 1.0667349<br>Sf 3.216674<br>b-al 18.818803  | w3<br>L<br>K<br>the         | .0700000<br>.1315861<br>.0214297<br>108.81882 | SF<br>min<br>z<br>phi | .0593043<br>.1101564<br>.1051650<br>114.79373 | LFr<br>max<br>m<br>2-LEV  | .7281208<br>.2530201<br>.0808291<br>/EL THRUST  |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0800000<br>4.348117<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9611549<br>3.696691<br>24.793708  | w2 .1000000<br>PRC .9781182<br>Sf 3.224919<br>b-al 20.783323   | w3<br>L<br>K<br><b>t</b> he | .0800000<br>.2127342<br>.1004064<br>110.78334 | SF<br>min<br>z<br>phi | .0655441<br>.1123279<br>.0267692<br>114.79373 | LFr<br>max<br>m           | .8567505<br>.2436446<br>.0923761                |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.090000<br>3.864994<br>.1154701  | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9584391<br>3.455129<br>24.793708  | w2 .1000000<br>PRC .9781182<br>Sf 3.224919<br>b-al 20.783323   | w3<br>L<br>K<br>the         | .0800000<br>.1724739<br>.0601461<br>110.78334 | SF<br>min<br>z<br>phi | .0655441<br>.1123279<br>.0616356<br>114.79373 | IFr<br>mex<br>m           | .8013887<br>.2436446<br>.0923761                |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0981796<br>3.478504<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9530289<br>3.255552<br>24.793708  | w2 .1000000<br>PRC 1.0394130<br>Sf 3.224919<br>b-al 20.783323  | w3<br>L<br>K<br>the         | .0800000<br>.1402664<br>.0279386<br>110.78334 | SF<br>min<br>z<br>phi | .0655441<br>.1123279<br>.0895281<br>114.79373 | LFr<br>max<br>m<br>2-LEV  | .7571011<br>.2436446<br>.0923761<br>EL THRUST   |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0915163<br>3.162258<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1600000<br>.9442876<br>3.045309<br>24.793708  | w2 .1000000<br>PRC 1.1214586<br>Sf 3.224919<br>b-al 20.783323  | w3<br>L<br>K·<br>the        | .0800000<br>.1139126<br>.0015847<br>110.78334 | SF<br>min<br>z<br>phi | .0655441<br>.1123279<br>.1123512<br>114.79373 | LFr<br>max<br>m<br>2-LEV  | .7208614<br>.2436446<br>.0923761<br>EL THRUST   |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0200000<br>4.348123<br>.1270171 | SAB                     | .1600000<br>1.0971429<br>3.231808<br>26.847105 | w2 .1100000<br>PRC .9804480<br>Sf 3.216680<br>b-al 9.281672    | w3<br>L<br>K<br>the         | .0200000<br>.2120934<br>.1076633<br>99.281695 | SF<br>min<br>z<br>phi | .0543347<br>.1044301<br>.0712933<br>116.84713 | IFr<br>max<br>m           | .7472887<br>.2944158<br>.0230940                |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0300000<br>4.348107<br>.1270171 | SAB                     | .1600000<br>1.0702005<br>3.302189<br>26.847105 | w2 .1100000<br>PRC .9796884 •<br>Sf 3.218402<br>b-al 11.159840 | w3<br>L<br>K<br>the         | .0300000<br>.2133808<br>.1049880<br>101.15986 | SF<br>min<br>z<br>phi | .0559626<br>.1083929<br>.0636102<br>116.84713 | LFr<br>max<br>m           | .7657366<br>.2868316<br>.0346410                |
| N<br>PRA<br>Si<br>n         | 3.0000000<br>1.0399626<br>3.261078<br>.1270171 | SAB                     | .1600000<br>1.0658673<br>2.758552<br>26.847105 | w2 .1100000<br>PRC 1.0946014<br>Sf 3.218402<br>b-al 11.159840  | w3<br>L<br>K<br>the         | .0300000<br>.1227951<br>.0144022<br>101.15986 | SF<br>min<br>z<br>phi | .0559626<br>.1083929<br>.1420598<br>116.84713 | IFr<br>max<br>m<br>2-LEV  | .6688528<br>.2868316<br>.0346410<br>EL THRUST   |

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|-----------|------------------------|----------|-------------------------|-----------------------|------------|--------------------------------|-----------|-----------------------|------------|---|
| N<br>PRA  | 3.0000000<br>1.0400000 |          | 000000 w2<br>151141 PRC | •1100000<br>•9785398  | w3<br>L    | .0400000<br>.2145348           | SF<br>min | .0581427<br>.1120169  | LFr<br>max | .7851763<br>.2789086                    |
| S1        | 4.348124               |          | 573405 Sf               | 3.220900              | ĸ          | 1025179                        | Z         | .0557494              | m          | .0461880                                |
| n         | .1270171               |          | 47105 b-al              |                       | the        | 103.05026                      | phi       | 11.6.84713            |            | r                                       |
| M         | 3.0000000              | wl .16   | 600000 w2               | .1100000              | w3         | .0400000                       | SF        | .0581427              | LFr        | .7021322                                |
| N<br>PRA  | 1.0500000              |          | 54591 PRC               | 1.0484115             | L          | 1420651                        | min       | .1120169              | max        | .2789086                                |
| Si        | 3.478488               |          | 38587 Sf                | 3.220900              | K          | .0300482                       | z         | .1185100              | m          | .0461880                                |
| n         | .1270171               | gam 26.8 | 47105 b-al              | . 13.050236           | the        | 103.05026                      | phi       | 116.84713             | 2=LEV      | EL THRUST                               |
| N         | 3.0000000              | wl .16   | 600000 w2               | .1100000              | w3         | .0500000                       | SF        | .0612631              | LFr        | .8058977                                |
| PRA       | 1.0500000              |          | 20248 PRC               | .9768470              | L          | .2155533                       | min       | .1152930              | max        | .2706377                                |
| Si        | 4.348130               |          | 45422 Sf<br>47105 b-al  | 3.224373<br>14.955219 | K<br>the   | .1002603<br>104 <b>:</b> 95524 | z<br>phi  | .0477045<br>116.84713 | m          | •0577350                                |
| n         | .1270171               | gam 26.8 | 14/10) D=a.1            | 14.977219             | UIIC       | 10407//24                      | Pill      | 110101112             |            |   |
| N         | 3.0000000              | _        | 00000 w2                | .1100000              | w3         | .0500000                       | SF        | , .0612631            | LFr        | .7320795                                |
| PRA       | 1.0600000              |          | 19359 PRC               | 1.0233839<br>3.224373 | L<br>K     | •1551609<br>•0398679           | min<br>z  | .1152930<br>.1000058  | max        | .2706377<br>.057 <b>7</b> 350           |
| Si<br>n   | 3.623422<br>.1270171   |          | 83068 Sf<br>47105 b-al  |                       | the        | 104.95524                      | phi       | 116.84713             |            | EL THRUST                               |
|           | •== •= =               |          |                         |                       |            |                                |           | -(                    |            | 007/000                                 |
| N         | 3.0000000              |          | 000000 w2               | .1100000              | w3         | .0600000                       | SF<br>min | .0651970<br>.1182187  | LFr<br>max | .8276882<br>.2620164                    |
| PRA<br>Si | 1.0600000<br>4.348116  |          | 11553 PRC<br>18209 Sf   | .9743805<br>3.229093  | L<br>K     | .0982215                       | 2         | .0394701              | m          | .0692820                                |
| n         | 1270171                |          | 47105 b-al              |                       | the        | 106.87697                      | phi       | 116.84713             |            |   |
| 17        | 7 0000000              | 16       | 00000 w2                | .1100000              | w3         | •0600000                       | SF        | .0651970              | LFr        | .7604628                                |
| N<br>PRA  | 1.0700000              |          | 00000 w2<br>00681 PRC   | 1.0066234             | L          | .1646767                       | min       | 1182187               | max        | .2620164                                |
| Si        | 3.726953               |          | 07627 Sf                | 3.229093              | K          | .0464580                       | Z         | .0842987              | m          | .0692820                                |
| n         | .1270171               | gam 26.8 | 47105 b-al              | 16.876944             | the        | 106.87697                      | phi       | 116.84713             | 2-LEV      | EL THRUST                               |
| N         | 3.0000000              | wl .16   | 00000 w2                | .1100000              | <b>w</b> 3 | .0600000                       | SF        | .0651970              | LFr        | .7100449                                |
| PRA       | 1.0735554              |          | 44129 PRC               | 1.1105552             | L          | 1258545                        | min*      | .1182187              | max        | .2620164                                |
| Si        | 3.261087               |          | 53677° Sf               | 3.229093              | K          | .0076358                       | Z         | 1179197               | m<br>O TEN | .0692820<br>El THRUST                   |
| n         | .1270171               | gam 26.8 | 47105 b-al              | 16.876944             | the        | 106.87697                      | phi       | 116.84713             | ∠=115.A    | EU THOOT                                |
| N         | 3.0000000              |          | 00000 w2                | .1100000              | <b>w</b> 3 | .0700000                       | SF        | .0702152              | LFr        | .8507309                                |
| PRA<br>Şi | 1.0700000<br>4.348118  |          | 28664 PRC<br>91802 Sf   | .9707756<br>3.235359  | L<br>K     | .2171955<br>.0964261           | min<br>z  | .1207694<br>.0310250  | max        | .2530201<br>.0808291                    |
| n         | .1270171               |          | 47105 b-al              |                       | the        | 108.81882                      | phi       | 116.84713             |            | *************************************** |
|           |                        |          |                         |                       |            | <b>07</b> 00 <b>0</b> 00       | OTT.      | <b>27</b> 00150       | T Des      | .7884474                                |
| N<br>PRA  | 3.0000000<br>1.0800000 |          | 00000 w2<br>09157 PRC   | •1100000<br>•9934535  | w3<br>L    | .0700000<br>.1719017           | SF<br>min | .0702152<br>.1207694  | LFr<br>max | .2530201                                |
| Si        | 3.804593               |          | 20039 Sf                | 3.235359              | K          | .0511323                       | Z         | .0702506              | m          | .0808291                                |
| n         | .1270171               |          | 47105 b-al              | 18.818803             | the        | 108.81882                      | phi       | 116.84713             | 2-LEV      | EL THRUST                               |
| N         | 3.0000000              | wl .16   | 00000 w2                | .1100000              | w3         | .0700000                       | SF        | .0702152              | LFr        | .7400074                                |
| PRA       | 1.0858135              |          | 00231 PRC               | 1.0778223             | L          | .1366749                       | min       | .1207694              | max        | .2530201                                |
| Si        | 3.381871               | SAB 3.0  | 94519 Sf                | 3.235359              | K          | .0159055                       | z         | 1007579               | m          | .0808291                                |
| n         | .1270171               | gam 26.8 | 47105 b-al              | 18.818803             | the        | 108.81882                      | phi       | 116.84713             | 2-1-15∨.   | EL THRUST                               |
| N ·       | 3.0000000              |          | 00000 w2                | .1100000              | w3         | .0800000                       | SF        | .0764551              | LFr        | .8750572<br>.2436446                    |
| PRA       | 1.0800000              |          | 78096 PRC               | .9653839              | L          | .2178230<br>.0948821           | min       | .1229409<br>.0223621  | max<br>m   | .0923761                                |
| Si<br>n   | 4.348127               |          | 66168 Sf<br>47105 b-al  | 3.243604<br>20.783323 | K<br>the   | 110.78334                      | z<br>phi  | 116.84713             | 111        | •0927101                                |
| **        | • 75 0717              |          |                         | 20.107227             |            |                                |           |                       |            | 0-66-0-                                 |
| N         | 3.0000000              |          | 00000 w2                | .1100000              | <b>w</b> 3 | .0800000                       | SF<br>min | .0764551<br>.1229409  | IFr<br>max | .8166189<br>.2436446                    |
| PRA<br>Si | 1.0900000<br>3.865003  |          | 53276 PRC<br>24606 Sf   | .981.1662<br>3.243604 | K          | .1775627<br>.0546218           | min<br>Z  | .0572286              | m          | .0923761                                |
| n         | .1270171               |          |                         | 20.783323             | the        | 110.78334                      | phi       | 116.84713             |            | EL THRUST                               |
| • NT      | 7 0000000              |          |                         |                       | "7         | 0800000                        | CTP       | .0764551              | LFr        | .7698679                                |
| N<br>PRA  | 3.0000000<br>1.0966578 |          | 00000 w2<br>72977 PRC   | .1100000<br>1.0523553 | w3<br>L    | .0800000<br>.1453533           | SF<br>min | .1229409              | max        | .2436446                                |
| Si        | 3.478491               |          | 19723 Sf                | 3.243604              | K          | .0224124                       | Z         | .0851227              | m          | .0923761                                |
| n         | .1270171               |          |                         | 20.783323             | the        | 110.78334                      | phi       | 116.84713             | 2-LEV      | EL THRUST                               |

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| N         | 3.0008000              | wl         | .1600000                | w2         | .1100000              | w3              | •0900000              | SF          | .0840054                 | LFr         | •9006538              |
|-----------|------------------------|------------|-------------------------|------------|-----------------------|-----------------|-----------------------|-------------|--------------------------|-------------|-----------------------|
| PRA       | 1.0900000              | PRB        | •9573127                | PRC        | .9568927              | L               | .2183228              | min         | .1247177                 | max         | .2338744              |
| Si        | 4.348128               | SAB        | 3.741293                | Sf         | 3.254400              | K               | .0936050              | z           | .0134681                 | m           | .1039231              |
| n         | .1270171               | gam        | 26.847105               | b-al       | 22.773790             | the             | 112.77381             | p <b>hi</b> | 116.84713                |             |                       |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1100000              | w3              | •0900000              | SF          | .0840054                 | LFr         | .8452902              |
| PRA       | 1.1000000              | PRB        | .9546323                | PRC        | .9674177              | Ĺ               | .1820870              | min         | .1247177                 | max         | .2338744              |
| Si        | 3.913299               | SAB        | 3.523878                | Sf         | 3.254400              | K               | .0573692              | Z           | .0448493                 | m           | .1039231              |
| n         | .1270171               | gam        | 26.847105               | b-al       | 22.773790             | the             | 112.77381             | phi         | 116.84713                | 2-LEV       | VEL THRUST            |
| 37        | 7 0000000              | 1          | 1600000                 | 0          | 1100000               | 7               | •0900000              | SF          | .0840054                 | LFr         | •7999945              |
| N<br>PRA  | 3.0000000<br>1.1069720 | wl<br>PRB  | .1600000<br>.9487674    | w2<br>PRC  | .1100000              | w3<br>L         | .1524410              | min         | .1247177                 | max         | 2338744               |
| Si        | 3.557548               | SAB        | 3.335229                | Sf         | 3.254400              | K               | .0277233              | Z           | .0705234                 | m           | .1039231              |
| n         | .1270171               | gam        | 26.847105               | b-al       | 22.773790             | the             | 112.77381             | phi         | 116.84713                | 2-LEV       | VEL THRUST            |
|           |                        |            |                         |            |                       | _               |                       | ~           | -01-00=1-                |             | m(00).(3              |
| N<br>PRA  | 3.0000000<br>1.1000767 | wl<br>PRB  | .1600000<br>.9407496    | w2<br>PRC  | .1100000<br>1.1042443 | <b>w</b> 3<br>L | .0900000<br>.1277352  | SF<br>min   | .0840054<br>.1247177     | LFr<br>max  | .7622461<br>.2338744  |
| Si        | 3.261077               | SAB        | 3.132794                | Sf         | 3.254400              | K               | .0030174              | Z           | .0919193                 | m           | .1039231              |
| n         | 1270171                | gam        | 26.847105               |            | 22.773790             | the             | 112.77381             | phi         | 116.84713                |             | EL THRUST             |
|           | •                      |            |                         |            |                       |                 |                       | _           | ·/====                   |             | 761.6061              |
| N<br>DDA  | 3.0000000              | wl         | .1600000                | w2         | .1200000              | w3              | .0200000              | SF          | .0672522                 | LFr         | .7646961<br>.2944158  |
| PRA<br>Si | 1.0200000              | PRB<br>SAB | 1.1144572<br>3.199295   | PRC<br>Sf  | .9622110<br>3.241779  | L<br>K          | .2175102<br>.1020128  | min<br>z    | .1154974<br>.0666022     | max         | .0230940.             |
| n         | 1385641                | gem        | 28.938463               | b-al       | 9.281672              | the             | 99.281695             | phi         | 118.93848                | 73          | ,.,                   |
|           |                        | 0          |                         |            |                       |                 |                       |             |                          |             | AU BARE               |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1200000              | w3              | .0300000              | SF          | .0688801                 | LFr         | .7833557              |
| PRA       | 1.0300000              |            | 1.0866417               | PRC        | .9617112              | L               | .2187996              | min         | .1194602                 | max         | .2868316              |
| Si<br>n   | 4.348118<br>.1385641   | SAB<br>gam | 3.269688<br>28.938463 · | Sf<br>b-al | 3.243501<br>11.159840 | K<br>the        | .0993394<br>101.15986 | z<br>phi    | .0589174<br>118.93848    | m           | .0346410              |
| ••        | •1)0)041               | Всии       | 20.970.407              | D-all      | 11.01//040            | one             | 101.17,00             | PILL        | 1,101/1010               |             |                       |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1200000              | w3              | :0300000              | SF          | .0688801                 | LFr         | .6795521              |
| PRA       | 1.0392519              |            | 1.0760459               | PRC        | 1.1066713             | L               | .1282139              | min         | .1194602                 | max         | .2868316              |
| Si        | 3.261090<br>.1385641   | SAB        | 2.723733<br>28.938463   | Sf         | 3.243501<br>11.159840 | K<br>the        | .0087537<br>101.15986 | z •<br>phi  | • .1373670<br>118 .93848 | m<br>o_trov | .0346410<br>EL THRUST |
| n         | 140(0(1.               | gam        | 20.970407               | 0-81       | 11.01/9040            | one             | 101.17900             | pm          | 1.0.93040                | ۷ نسا−ے     | ELL THIOUT            |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1200000              | w3              | .0400000              | SF          | .0710602                 | LFr         | .8030176              |
| PRA       | 1.0400000              |            | 1.0606091               | PRC        | .9609607              | L               | .2199516              | min         | .1230842                 | max         | .2789086<br>.0461880  |
| Si<br>n   | 4.348113<br>.1385641   | SAB<br>gam | 3.340892<br>28.938463   | Sf<br>b-sl | 3.245999<br>13.050236 | K<br>the        | .0968674              | z<br>phi    | .0510582<br>118.93848    | m           | •0401000              |
| 11        | •1,0,041               | Porm       | 20,50000                | D-arr      | 1,7,0,00,00           | OILC            | 107.07020             | PILL        | •                        |             |                       |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1200000              | <b>w</b> 3      | .0400000              | SF          | .0710602                 | LFr         | .7144394              |
| PRA       | 1.0500000              |            | 1.0576327               |            | 1.0561004             | L               | .1474838              | min         | .1230842                 | max         | .2789086              |
| Si        | 3.478499<br>.1385641   | SAB<br>gam | 2.906085<br>28.938463   | Sf         | 3.245999<br>13.050236 | K               | .0243996<br>103.05026 | z<br>phi    | .1138172<br>118.93848    | m<br>o tent | .0461880<br>EL THRUST |
| n         | •1707041               | gam .      | 20.970407               | D=8TT      | 17.070270             | the             | 103.05020             | bur         | 110.97040                | Z=1±1¥.     | er invost             |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1200000              | w3              | .0500000              | SF          | .0741806                 | LFr         | 8239803               |
| PRA       | 1.0500000              |            | 1.0364501               | PRC        | • .9598646            | L               | .2209702              | min         | .1263603                 | max         | .2706377              |
| Si        | 4.348119               | SAB        | 3.412909                | Sf         | 3.249472              | K               | .0946098              | Z           | .0430133                 | m           | .0577350              |
| n         | .1385641               | gam        | 28.938463               | . D-aT     | 14.955219             | the             | 104.95524             | phi         | 118.93848                |             |                       |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1200000              | w3              | .0500000              | SF          | .0741806                 | LFr         | •7455511              |
| PRA       | 1.0600000              | PRB :      | 1.0345347               | PRC        | 1.0296444             | L               | .1605797              | min         | .1263603                 | mex         | .2706377              |
| Si        | 3.623433               | SAB        | 3.050567                | Sf         | 3.249472              | K               | .0342194              | Z           | .0953130                 | m           | •0577350              |
| 'n        | .1385641               | gam :      | 28.938463               | b-al       | 14.955219             | the             | 104.95524             | phi         | 118.93848                | 2-TEA       | EL THRUST             |
| N         | 3.0000000              | wl         | .1600000                | w2         | .1200000              | <b>w</b> 3      | .0600000              | SF          | .0781145                 | LFr         | .8460322              |
| PRA       | 1.0600000              |            | 1.0143055               | PRC        | .9582914              | L               | .2218590              | min         | .1292861                 | max         | .2620164              |
| Si        | 4.348127               | SAB        | 3.485707                | Sf         | 3.254192              | K               | .0925729              | Z           | .0347773                 | m           | .0692820              |
| n         | .1385641               | gam :      | 28.938463               | b-al       | 16.876944             | the             | 106.87697             | phi         | 118.93848                |             | ,                     |
| N ·       | 3.0000000              | wl         | .1600000                | w2         | .1200000              | w٦              | .0600000              | SF          | -0781145                 | LFr         | .7748528              |
| PRA       | 1.0700000              | PRB :      | 1.0119998               |            | 1200000<br>1.0127489  | w3<br>L         | .1700955              | min         | 0781145<br>1292861       | max         | 7748528<br>2620164    |
| Si        | 3.726965               | SAB        | 3.175126                | Sf         | 3.254192              | K               | .0408094              | Z           | .0796059                 | m           | .0692820              |
| n         | .1385641               | gem 2      | 28.938463               | b-al       | 16.876944             | the             | 106.87697             | phi         | 118.93848                | 2-LEVI      | EL THRUST •           |
|           |                        |            |                         |            |                       |                 |                       |             |                          |             |                       |

|                      |   |  | •  |  |  |  |
|----------------------|---|--|--|--|--|--|
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0693370<br>3.261076<br>.1385641  | w1 .160000<br>PRB .991369<br>SAB 2.90740<br>gam 28.93846     | 7 PRC 1.1290203<br>7 Sf 3.254192                 | w3 .0600000<br>L .1312714<br>K .0019853<br>the 106.87697 | SF .0781145<br>min .1292861<br>z .1132285<br>phi 118.93848 | IFr .7214651<br>max .2620164<br>m .0692820<br>2-LEVEL THRUST |
| N<br>PRA<br>Si       | 3.0000000<br>1.0700000<br>4.348107              | wl .160000<br>PRB .994398<br>SAB 3.55928                     | 0 w2 .1200000<br>3 PRC .9560366<br>9 Sf 3.260457 | w3 .07000000<br>L .2226124<br>K .0907756                 | SF .0831328<br>min .1318368<br>z .0263339                  | IFr .8693485<br>max .2530201<br>m .0808291                   |
| n                    | •1385641  | gam 28.93846   | 3 b-al 18.818803                                 | the 108.81882  | phi 118.93848  |  |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0800000<br>3.804604<br>.1385641  | wl .160000<br>PRB .991585<br>SAB 3.28753<br>gam 28.93846     | PRC 1.0001788<br>7 Sf 3.260457                   | w3 .0700000<br>L .1773205<br>K .0454837<br>the 108.81882 | SF .0831328<br>min .1318368<br>z .0655578<br>phi 118.93848 | LFr .8036080 max .2530201 m :0808291 2-LEVEL THRUST          |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0829831<br>3.381859<br>.1385641  | wl .160000<br>PRB .977326<br>SAB 3.05243<br>gam 28.93846     | PRC 1.0929310<br>Sf 3.260457                     | w3 .0700000<br>L .1420918<br>K .0102550<br>the 108.81882 | SF .0831328<br>min .1318368<br>z .0960668<br>phi 118.93848 | IFr .7524738 max .2530203 m .0808293 2-LEVEL THRUST          |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0800000<br>4.348116<br>.1385641  | wl .160000<br>PRB .977100<br>SAB 3.63365<br>gam 28.93846     | PRC .9527662<br>Sf 3.268703                      | w3 .0800000<br>L .2232399<br>K .0892316<br>the 110.78334 | SF .0893726<br>min .1340083<br>z .0176710<br>phi 118.93848 | LFr .8939715<br>max .2436446<br>m .0923761                   |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0900000<br>3.864992<br>.1385641  | wl .1600000<br>PRB .973869<br>SAB 3.39209<br>gam 28.93846    | PRC .9894800<br>Sf 3.268703                      | w3 .0800000<br>L .1829796<br>K .0489713<br>the 110.78334 | SF .0893726<br>min .1340083<br>z .0525374<br>phi 118.93848 | LFr .8324576<br>max .2436446<br>m .0923761<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0944662<br>3.478502<br>.1385641  | wl .1600000<br>PRB .963307<br>SAB 3.179599<br>gam 28.93846   | PRC 1.0671817<br>Sf 3.268703                     | w3 .0800000<br>L .1507721<br>K .0167638<br>the 110.78334 | SF .0893726<br>min .1340083<br>z .0804300<br>phi 118.93848 | IFr .7832480<br>max .2436446<br>m .0923761<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0900000<br>4.348117<br>.1385641  | wl .1600000<br>PRB .963079'<br>SAB 3.708780<br>gam 28.93846  | PRC .9478826<br>Sf 3.279499                      | w3 .0900000<br>L .2237396<br>K .0879546<br>the 112.77381 | SF .0969229<br>min .1357851<br>z .0087770<br>phi 118.93848 | IFr .9198837<br>max .2338744<br>m .1039231                   |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.1000514<br>3.913310<br>.1385641  | wl .1600000<br>PRB .9596010<br>SAB 3.491577<br>gam 28.93846  | PRC .9788028<br>Sf. 3.279499                     | w3 .0900000<br>L .1875057<br>K .0517207<br>the 112.77381 | SF .0969229<br>min .1357851<br>z .0401565<br>phi 118.93848 | IFr .8617544<br>max .2338744<br>m .1039231<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.1050046<br>3.557536<br>.1385641  | wl .1600000<br>PRB .951761<br>SAB 3.295716<br>gam 28.93846   | PRC 1.0455137<br>Sf .3.279499                    | w3 .0900000<br>L .1578579<br>K .0220728<br>the 112.77381 | SF .0969229<br>min .1357851<br>z .0658322<br>phi 118.93848 | EFr .8141909<br>max .2338744<br>m .1039231<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000°<br>1.1099729<br>3.952842<br>.1385641 | wl .1600000<br>PRB .9503638<br>SAB 3.58691<br>gam 28.938463  | PRC .9661981<br>Sf 3.293649                      | w5 .1000000<br>L .1911736<br>K .0540234<br>the 114.79375 | SF .1060467<br>min .1371502<br>z .0281622<br>phi 118.93848 | IFr .8918762<br>max .2236925<br>m .1154701<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.1151977<br>3.623435<br>.1385641  | w1 .1600000<br>PRB .9445809<br>SAB 3.404919<br>gam 28.93846  | • PRC 1.0240741<br>Sf 3.293649                   | w3 .1000000<br>L .1637230<br>K .0265729<br>the 114.79375 | SF .1060467<br>min .1371502<br>z .0519351<br>phi 118.93848 | IFr .8457403<br>max .2236925<br>m .1154701<br>2-LEVEL THRUST |
| N<br>PRA<br>Si·<br>n | 3.0000000<br>1.1072851<br>3.344703<br>.1385641  | wl .1600000<br>PRB .9371568<br>SAB 3.206979<br>gam 28.938463 | PRC 1.0958953<br>Sf 3.293649                     | w3 .1000000<br>L .1404953<br>K .0033452<br>the 114.79375 | SF .1060467<br>min .1371502<br>z .0720509<br>phi 118.93848 | IFr .8067026<br>mex .2236925<br>m .1154701<br>2-LEVEL THRUST |

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| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348115<br>.1501111  | wl .1600000<br>PRB 1.1322733<br>SAB 3.164645<br>gem 31.072922   | w2 .1300000<br>PRC .9480168<br>Sf 3.276480<br>b-al 9.281672    | • W30200000<br>L .2232857<br>K .0962394<br>the 99.281695 | SF .0824671<br>min .1270463<br>z .0616005<br>phi 121.07294 | LFr .7826376<br>max .2944158<br>m .0230940                   |
|---------------------|---|---|--|--|--|--|
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0300000<br>4.348121<br>.1501111  | wl .1600000<br>PRB 1.1035854<br>SAB 3.235038<br>gam 31.072922   | w2 .1300000<br>PRC .9477095<br>Sf 3.278202<br>b-al 11.159840   | w3 .0300000<br>L .2245751<br>K .0935660<br>the l01.15986 | SF .0840950<br>min .1310091<br>z .0539158<br>phi 121.07294 | IFr .8015328<br>max .2868316<br>m .0346410                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0375555<br>3.261093              | wl .1600000<br>PRB 1.0838427<br>SAB 2.683552<br>gam 31.072922   | w2 .1300000<br>PRC 1.1270921<br>Sf 3.278202<br>b-al 11.159840  | w3 .0300000<br>L .1339893<br>K .0029802<br>the l01.15986 | SF .0840950<br>min .1310091<br>z .1323653<br>phi 121.07294 | IFr .6908093<br>max .2868316<br>m .0346410<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.040000<br>4.348116<br>.1501111   | wl .1600000<br>PRB 1.0766380<br>SAB 3.306242<br>gam 31.072922   | w2 .1300000<br>PRC .9472495<br>Sf 3.280700<br>b-al 13.050236   | w3 .0400000<br>L .2257271<br>K .0910940<br>the 103.05026 | SF .0862751<br>min .1346331<br>z .0460565<br>phi 121.07294 | LFr .8214474<br>max .2789086<br>m .0461880                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0498682<br>3.478502<br>.1501111  | wl .1600000<br>PRB 1.0684793<br>SAB 2.870977<br>gam 31.072922   | w2 .1300000<br>PRC 1.0694752<br>Sf 3.280700<br>b-al 13.050236  | w3 .0400000<br>L .1532593<br>K .0186262<br>the 103.05026 | SF .0862751<br>min .1346331<br>z .1088155<br>phi 121.07294 | LFr .7273331<br>max .2789086<br>m .0461880<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348122<br>.1501111  | wl .1600000<br>PRB 1.0514846<br>SAB 3.378260<br>gam 31.072922   | w2 .1300000<br>PRC .9465830<br>Sf 3.284173<br>b-al 14.955219   | w3 .0500000<br>L .2267456<br>K .0888364<br>the 104.95524 | SF .0893955<br>min .1379092<br>z .0380116<br>phi 121.07294 | IFr .8426809<br>max .2706377<br>m .0577350                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600466<br>3.623436<br>.1501111  | wl .1600000<br>PRB 1.0460829<br>SAB 3.016086<br>gam 31.072922   | w2 .1300000<br>PRC .1.0409174<br>Sf 3.284173<br>b-al 14.955219 | w3 .0500000<br>L .1663551<br>K .0284459<br>the 104.95524 | SF .0893955<br>min .1379092<br>z .0903113<br>phi 121.07294 | 1Fr .7596378<br>max .2706377<br>m .0577350<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>4.348107<br>.150111.1 | wl .1600000<br>PRB 1.0282181<br>SAB 3.451046<br>gam 31.072922   | w2 .1300000<br>PRC .9456341<br>Sf 3.288892<br>b-al 16.876944   | w3 .0600000<br>L .2276325<br>K .0867976<br>the 106.87697 | SF .0933294<br>min .1408349<br>z .0297773<br>phi 121.07294 | 1Fr .8650150<br>max .2620164<br>m .0692820                   |
| N<br>PRA<br>Si      | 3.0000000<br>1.0700000<br>3.726945<br>.1501111  | wl .1600000<br>PRB 1.0234325<br>SAB 3.140465<br>gam 31.072922   | w2 .1300000<br>PRC 1.0232849<br>Sf 3.288892<br>b-al 16.876944  | w3 .0600000<br>L .1758690<br>K .0350341<br>the 106.87697 | SF .0933294<br>min .1408349<br>z .0746058<br>phi 121.07294 | IFr .7898808<br>max .2620164<br>m .0692820<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>4.348110<br>.1501111  | wl .1600000<br>PRB 1.0069773 ·<br>SAB 3.524639<br>gam 31.072922 | w2 .1300000<br>PRC .9442926<br>Sf 3.295158<br>b-al 18.818803   | w3 .0700000<br>L .2283878<br>K .0850022<br>the 108.81882 | SF .0983477<br>min .1433856<br>z .0213322<br>phi 121.07294 | LFr .8886366<br>max .2530201<br>m .0808291                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800149<br>3.804607<br>.1501111  | wl .1600000<br>PRB 1.0021241<br>SAB 3.252944<br>gam 31.072922   | w2 .1300000<br>PRC 1.0108300<br>Sf 3.295158<br>b-al 18.818803  | w3 .0700000<br>L .1830959<br>K .0397103<br>the 108.81882 | SF .0983477 · min .1433856 z .0605561 phi 121.07294        | IFr .8194351<br>max .2530201<br>m .0808291<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0788783<br>3.381862<br>.1501111  | wl .1600000<br>PRB .9840516<br>SAB 3.003902<br>gem 31.072922    | w2 .1300000<br>PRC 1.1147376<br>Sf 3.295158<br>b-al 18.818803  | w3 .0700000<br>L .1478672<br>K .0044816<br>the 108.81882 | SF .0983477<br>min .1433856<br>z .0910651<br>phi 121.07294 | IFr .7656098<br>max .2530201<br>m .0808291<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>4.348118<br>.1501111  | wl .1600000<br>PRB .9879919<br>SAB 3.599005<br>gam 31.072922    | w2 .1300000<br>PRC .9423831<br>Sf 3.303404<br>b-al 20.783323   | w3 .0800000<br>L .2290154<br>K .0834582<br>the ll0.78334 | SF .1045876<br>min .1455572<br>z .0126693<br>phi 121.07294 | IFr .9135819<br>max .2436446<br>m .0923761                   |
|                     |   |   |  |  |  |  |

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| N<br>PRA<br>Si | 3.0000000<br>1.0899907<br>3.864995 | wl<br>PRB<br>SAB | .1600000<br>.9830332<br>3.357407 | w2 .1300000<br>PRC 1.0008974<br>Sf 3.303404<br>b-al 20.783323 | w3<br>L<br>K<br>the | .0800000<br>.1887550<br>.0431979<br>110.78334 | SF<br>min<br>z<br>phi | .1045876<br>.1455572<br>.0475358<br>121.07294 | LFr<br>max<br>m<br>2-LEV | .8489933<br>.2436446<br>.0923761<br>et. Thrust |
|----------------|------------------------------------|------------------|----------------------------------|---|---------------------|---|-----------------------|---|--------------------------|--|
| n              | •1501111                           |                  | .1600000                         | b-al 20.783323<br>w2 .1300000                                 | w3                  | .0800000                                      | SF                    | .1045876                                      | LFr                      | .7973204                                       |
| N<br>PRA       | 3.0000000<br>1.0912570             | wl<br>PRB        | .9697626                         | PRC 1.0869982   | L                   | .1565457                                      | min                   | .1455572<br>.0754299                          | max                      | .2436446<br>.0923761                           |
| S1<br>n        | 3.478482<br>.1501111               | SAB              | 3.133772<br>31.0 <b>7</b> 2922   | Sf 3.303404<br>b-al 20.783323                                 | K<br>the            | .0109885                                      | z<br>ph <b>i</b>      | 121.07294                                     |                          | EL THRUST                                      |
|                |                                    | 7                | .1600000                         | w2 .1300000   | w3                  | .0900000                                      | SF                    | .1121369                                      | LFr                      | ·9398403                                       |
| N<br>PRA       | 3.0000000<br>1.0900000             | wl<br>PRB        | .9716386                         | PRC .9396191  | L                   | .2295151                                      | min                   | .1473340                                      | max<br>m                 | .2338744<br>.1039231                           |
| Si             | 4.348120                           | SAB              | 3.674130                         | Sf 3.314200   | K                   | .0821811                                      | z<br>phi              | .0037753                                      | žit.                     | •10))2)2                                       |
| n              | .1501111                           | gam              | 31.072922                        | b-al 22.773790  | the                 | 175.11707                                     | P                     |   |                          | 0-001.75                                       |
| N              | 3.0000000                          | wl               | .1600000                         | w2 .1300000   | w3                  | .0900000                                      | SF                    | .1121369<br>.1473340                          | LFr<br>max               | .8789435<br>.2338744                           |
| PRA            | 1.0999174                          | PRB              | .9666595                         | PRC .9919294  | L                   | .1932812<br>.0459472                          | min<br>z              | .0351548                                      | m                        | .1039231                                       |
| Si             | 3.913313                           | SAB              | 3.456403<br>31.072922            | Sf 3.314200<br>b-al 22.773790                                 | K<br>the            | 112.77381                                     | phi                   | 121.07294                                     | 2-LEV                    | EL THRUST                                      |
| n              | .1501111                           | gam              | 71.012922                        |   |                     |   | CTR                   | .1121369                                      | LFr                      | .8291149                                       |
| N              | 3.0000000                          | wl               | .1600000                         | w2 .1300000   | w3.                 | .0900000<br>.1636334                          | SF<br>min             | .1473340                                      | max                      | .2338744                                       |
| PRA            | 1.1023050                          | PRB              | .9566423<br>3.251462             | PRC 1.0654924<br>Sf 3.314200                                  | K<br>K              | .0162994                                      | Z                     | .0608305                                      | m                        | 1039231  |
| Si<br>n        | 3.557539<br>.1501111               | SAB<br>gam       | 31.072922                        | b-al 22.773790  | the                 | 112.77381                                     | phi                   | 121.07294                                     | 2-LEV                    | EL THRUST                                      |
|                | •,                                 | _                |                                  | 170000  | 7                   | .1000000                                      | SF ·                  | .1212616                                      | LFr                      | .9096804                                       |
| N              | 3.0000000                          | wl               | .1600000                         | w2 .1300000<br>PRC .9824514                                   | w3<br>L             | .1969490                                      | min                   | .1486990                                      | max                      | .2236925                                       |
| PRA            | 1.1097283<br>3.952845              | PRB<br>SAB       | .9539607<br>3.551301             | sf 3.328350   | K                   | .0482500                                      | z                     | .0231605                                      | m<br>O TEN               | .1154701<br>EL THRUST                          |
| Si<br>n        | •1501111                           | gam              | 31.072922                        | b-al 24.793730  | the                 | 114.79375                                     | phi                   | 121.07294                                     | اللبا-2                  | III.ODI  |
|                |                                    |                  | 1600000                          | w2 .1300000   | w3                  | .1000000                                      | SF                    | .1212616                                      | LFr                      | .8614473                                       |
| N<br>PRA       | 3.0000000<br>1.1126836             | wl<br>PRB        | .1600000<br>.9463332             | PRC 1.0463953   | L                   | .1694985                                      | min                   | .1486990                                      | max                      | .2236925<br>.1154701                           |
| Si             | *3.623438                          | SAB              | 3.361160                         | 'Sf 3.328350  | K                   | .0207994                                      | Z                     | .0469334                                      | m<br>2-I.EV              | VEL THRUST                                     |
| n              | .1501111                           | gam              | 31.072922                        | b-al 24.793730  | the                 | 114.79375                                     | phi                   |   | L.,                      |  |
| N              | 3.0000000                          | wl               | .1600000                         | w2 .1300000   | w3                  | .1100000                                      | SF                    | .1321659                                      | LFr                      | .9414501<br>.2130797                           |
| N<br>PRA       | 1.1194395                          | PRB              | .9462045                         | PRC .9709331  | L                   | .1999416 •                                    | min<br>z              | .1496333<br>.0113 <b>7</b> 79                 | max<br>m                 | .1270171                                       |
| Si             | 3.985774                           | SAB              | 3.643234                         | sf 3.347044<br>b-al 26.847105                                 | K<br>the            | .0503083<br>116.84713                         | phi                   | 121.07294                                     |                          | VEL THRUST                                     |
| n              | .1501111                           | gam              | 31.072922                        | b-al 26.847105  | •ne                 |   |                       | 3701650                                       | T Em                     | .8946037                                       |
| N              | 3.0000000                          | wl               | .1600000                         | w2 .1300000   | <b>w</b> 3          | .1100000                                      | SF<br>min             | .1321659<br>.1496333                          | LFr                      | .2130797                                       |
| PRA            | 1.1227187                          | PRB              | .9406074                         | PRC 1.0268407   | L<br>K              | .1743908<br>.024 <b>7</b> 575                 | Z                     | .0335056                                      | m                        | .1270171                                       |
| Si             | 3.679164                           | SAB<br>gam       | 3.465373<br>31.072922            | sf 3.347044<br>b-al 26.847105                                 | the                 | 116.84713                                     | phi                   | 121.07294                                     | 2-LE                     | VEL THRUST                                     |
| n<br>•         | .1501111                           | Remi             | 71.01070                         |   |                     |   | CTFI                  | .1321659                                      | LFr                      | .8544541                                       |
| N              | 3.0000000                          | wl               | .1600000                         | w2 .1300000   | w3<br>L             | • .1100000<br>• 1524925                       | SF<br>min             | .1496333                                      | max                      | 2130797  |
| PRA            |                                    | PRB              | .9333491<br>3.269619             | PRC 1.0967816<br>Sf 3.347044                                  | K                   | .0028592                                      | z                     | .0524701                                      | m                        | .1270171                                       |
| Si<br>n        | 3.416384<br>.1501111               | SAB<br>gam       | 31.072922                        | b-al 26.847105  | the                 | 116.84713                                     | phi                   | 121.07294                                     | 2 <b>-</b> LE            | VEL THRUST                                     |
|                |                                    |                  | 2(00000                          | w2 .1400000   | w3                  | .0200000                                      | SF                    | .1003590                                      | LFr                      | .8012142                                       |
| N              | 3.0000000<br>1.0200000             | • wl<br>PRB      | .1600000<br>1.1506380            | w2 .1400000<br>PRC .9394268                                   | L                   | .2294483                                      | min                   | .1391061                                      | max                      | .2944158<br>.0230940                           |
| PRA<br>Si      | 4.348116                           | SAB              | 3.127671                         | Sf 3.327203   | K                   | .0903423                                      | Z                     | .0562635<br>123.25617                         | m                        | .02)0940                                       |
| n              | .1616581                           | gam              | 33.256142                        | b-al 9.281672   | the                 | 99.281695                                     | phi                   |   |                          |  |
| • N            | 3.0000000                          | wl               | .1600000                         | w2 .1.400000  | w3                  | .0300000                                      | ,SF                   | .1019869                                      | IFr                      | .8203764<br>.2868316                           |
| PRA            | 1.0300000                          | PRB              | 1.1210619                        | PRC .9392631  | L                   | .2307377                                      | min                   | .1430689<br>.0485787                          | max                      | .0346410                                       |
| Si             | 4.348122                           | SAB              | 3.198063                         | Sf 3.328926<br>b-al 11.159840                                 | K<br>the            | .0876688<br>101.15986                         | z<br>phi              | 123.25617                                     |                          |  |
| n              | .1616581                           | gam              | 33.256142                        | D-01 11.0±770+0   | 3                   |   |                       | 2012 (  | • ***                    | .8405733                                       |
| N              | 3.0000000                          | wl               | .1600000                         | w2 .1400000   | <b>w</b> 3          | .0400000<br>.2318897                          | SF<br>min             | .1041 <b>67</b> 0<br>.1466 <b>9</b> 29        | LFr                      | 2789086  |
| PRA            | 1.0400000                          | PRB              | 1.0932047                        | PRC .9390185<br>Sf 3.331424                                   | L<br>K              | .0851969                                      | Z                     | .0407195                                      | m                        | 0461880  |
| Si             | 4.34811 <b>7</b><br>.1616581       | SAB<br>gam       | 3.269268<br>33.256142            | b-al 13.050236  | the                 | /   | phi                   | 123.25617                                     |                          |  |
| n              | *1010301                           | Rom              | JJ*-JO1 16                       |   |                     |   |                       |   | •                        |  |

•

| N<br>PRA<br>Si<br>n | 3.0000000.<br>1.0491031<br>3.478503<br>.1616581 | wl .1600000<br>PRB 1.0779244<br>SAB 2.831341<br>gam 33.256142 | w2 .1400000<br>PRC 1.0915644<br>Sf 3.331424<br>b-al 13.050236 | w3 .040000<br>L .15942<br>K .012725<br>the 103.0502      | 19 min 1466929<br>91 z 1034785   | LFr .7409229<br>max .2789086<br>m .0461880<br>2-LEVEL THRUST |
|---------------------|---|---|---|--|----------------------------------|--|
| N<br>PRÅ<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348123<br>.1616581  | wl .1600000<br>PRB 1.0670954<br>SAB 3.341285<br>gam 33.256142 | w2 .1400000<br>PRC .9386648<br>Sf 3.334896<br>b-al 14.955219  | w3 .050000<br>L .232908<br>K .082939<br>the 104.9552     | 33 min .1499690<br>33 z .0326746 | IFr .8621035<br>max .2706377<br>m .0577350                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0597517<br>3.623437<br>.1616581  | wl .1600000<br>PRB 1.0566465<br>SAB 2.978042<br>gam 33.256142 | w2 .1400000<br>PRC 1.0597949<br>Sf 3.334896<br>b-al 14.955219 | w3 .050000<br>L .172517<br>K .022548<br>the 104.9552     | 78 min .1499690<br>38 z .0849743 | IFr .7744474<br>max .2706377<br>m .0577350<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>4.348108<br>.1616581* | wl .1600000<br>PRB 1.0427916<br>SAB 3.414071<br>gam 33.256142 | w2 .1400000<br>PRC .9381638<br>Sf 3.339616<br>b-al 16.876944  | w3 .060000<br>L .233795<br>K .080900<br>the 106.8769     | 2 min .1528947<br>5 z .0244403   | LFr .8847532<br>max .2620164<br>m .0692820                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0698755<br>3.726946<br>.1616581  | wl .1600000<br>PRB 1.0339947<br>SAB 3.103024<br>gam 33.256142 | w2 .1400000<br>PRC 1.0408617<br>Sf 3.339616<br>b-al 16.876944 | w3 .060000<br>L .182031<br>K .029137<br>the 106.8769     | 6 min .1528947<br>0 z .0692688   | LFr .8056641<br>max .2620164<br>m .0692820<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>4.348111<br>.1616581  | wl .1600000<br>PRB 1.0202541<br>SAB 3.487664<br>gam 33.256142 | w2 .1400000<br>PRC .9403024<br>Sf 3.345882<br>b-al 18.818803  | w3 .070000<br>L .234550<br>K .079105<br>the 108.8188     | 5 min .1554454<br>1 z .0159952   | IFr .9087095<br>max .2530201<br>m .0808291<br>2-LEVEL THRUST |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0798069<br>3.804608<br>.1616581  | wl .1600000<br>PRB 1.0122355<br>SAB 3.215178<br>gam 33.256142 | w2 .1400000<br>PRC 1.0280731<br>Sf 3.345882<br>b-al 18.818803 | w3 .070000<br>L .189258<br>K .033813<br>the 108.8188     | 6 min .1554454<br>2 z .0552191   | LFr .8360481<br>mex .2530201<br>m .0808291<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>4.348120<br>.1616581  | wl .1600000<br>PRB 1.0000737<br>SAB 3.562030<br>gam 33.256142 | w2 .1400000<br>PRC .9415642<br>Sf 3.354128<br>b-al 20.783323  | w3 .080000<br>L .235178<br>K .077561<br>the ll0.7833     | 0 min .1576169<br>1 z .0073323.  | LFr .9340077<br>max .2436446<br>m .0923761<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0896919<br>3.864996<br>.1616581  | wl .1600000<br>PRB .9922933<br>SAB 3.319277<br>gam 33.256142  | w2 .1400000<br>PRC 1.0183476<br>Sf 3.354128<br>b-al 20.783323 | w3 .0800000<br>L .194917'<br>K .0373000<br>the 110.7833  | 7 min .1576169<br>8 z .0421988   | IFr .8663435<br>max .2436446<br>m .0923761<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0867450<br>3.478483<br>.1616581  | wl .1600000<br>PRB .9757290<br>SAB 3.081103<br>gam 33.256142  | w2 .1400000<br>PRC 1.1156916<br>Sf 3.354128<br>b-al 20.783323 | w3 .0800000<br>L .162708<br>K .005091<br>the ll0.7833    | min .1576169<br>z .0700929       | IFr .8122101<br>max .2436446<br>m .0923761<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0994395<br>.3.913314<br>.1616581 | wl .1600000<br>PRB .9746804<br>SAB 3.417559<br>gam 33.256142  | w2 .1400000<br>PRC 1.0101759<br>Sf 3.364924<br>b-al 22.773790 | w3 .0900000<br>L .1994438<br>K .0400501<br>the 112.7738  | min .1593937<br>L z .0298178     | LFr .8969727<br>max .2338744<br>m .1039231<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0984946<br>3.557540<br>.1616581  | wl .1600000<br>PRB .9621322<br>SAB 3.200932<br>gam 33.256142  | w2 .1400000<br>PRC 1.0926071<br>Sf 3.364924<br>b-al 22.773790 | w3 .0900000<br>L .1697960<br>K .0104023<br>the 112.77381 | min .1593937<br>z .0554935       | IFr .8448792<br>max .2338744<br>m .1039231<br>2-LEVEL THRUST |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.1091600<br>3.952823<br>.1616581  | wl .1600000<br>PRB .9598231<br>SAB 3.512066<br>gam 33.256142  | w2 .1400000<br>PRC 1.0024064<br>Sf 3.379074<br>b-al 24.793730 | w3 .1000000<br>L .2031098<br>K .0423510<br>the 114.79375 | min .1607588<br>z .0178252       | IFr .9283543<br>max .2236925<br>m .1154701<br>2-LEVEL THRUST |

| N<br>PRA<br>Si      | 3.0000000<br>1.1092828<br>3.623439             | wl<br>PRB<br>SAB         | .1600000<br>.9501774<br>3.311863               | w2<br>PRC<br>Sf         | .1400000<br>1.0737931<br>3.379074              | w3<br>e L<br>K      | .1000000<br>.1756611<br>.0149023              | SF<br>min<br>z         | .1391535<br>.1607588<br>.0415964              | LFr<br>max<br>m          | .8780279<br>.2236925<br>.1154701               |
|---------------------|--|--------------------------|--|-------------------------|--|---------------------|---|------------------------|---|--------------------------|--|
| n                   | .1616581                                       | gam                      | 33.256142                                      | b-al                    | 24.793730                                      | the                 | 114.79375                                     | phi                    | 123.25617                                     | 2-LE                     | VEL THRUST                                     |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348102<br>.0461880 | wl<br>PRB<br>SAB         | .1800000<br>.9908070<br>3.346697<br>13.967897  | w2<br>PRC<br>Sf<br>b-al | .0400000<br>1.2438037<br>3.147013<br>9.928032  | w3<br>L<br>K<br>the | .0200000<br>.1929417<br>.1540572<br>99.928055 | SF<br>min<br>z<br>phi  | .0086842<br>.0388845<br>.0703101<br>103.96792 | LFr<br>max<br>m          | .6925659<br>.2741288<br>.0230940               |
| N<br>PRA            | 3.0000000<br>1.0500000                         | wl<br>PRB                | .1800000                                       | w2                      | .0400000<br>1.2438037                          | w3<br>L             | .0200000<br>.0721607                          | SF<br>min              | .0086842<br>.0388845                          | IFr<br>max               | .6372042<br>.2741288                           |
| Si<br>n             | 2.898731<br>.0461880                           | SAB                      | 2.622012<br>13.967897                          | Sf.                     | 3.147013<br>•9.928032                          | K<br>the            | .0332762<br>99.928055                         | z<br>phi               | .1749095<br>103.96792                         | m.                       | .0230940                                       |
| N<br>PRA<br>Si      | 3.000000<br>1.020000<br>4.348096               | wl<br>PRB°<br>SAB        | .1800000<br>1.0036993<br>3.324912              | w2<br>PRC.<br>Sf        | .0500000<br>1.2042494<br>3.149139              | w3<br>L<br>K        | .0200000<br>.1965714<br>.1492325              | SF<br>min<br>z         | .0118551<br>.0473389<br>.0671667              | LFr<br>max<br>m          | .7089472<br>.2741288<br>.0230940               |
| n                   | 0577350  | gem                      | 16.013382                                      | b-al                    | 9.928032                                       | the                 | 99.928055                                     | ph1                    | 106.01341                                     |                          |  |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0300000<br>2.898724<br>.0577350 | wl<br>PRB<br>SAB         | .1800000<br>1.0047823<br>2.600226<br>16.013382 | w2<br>PRC<br>Sf<br>b-al | .0500000<br>1.2053377<br>3.149139<br>9.928032  | w3<br>L<br>K<br>the | .0200000<br>.0757904<br>.0284515<br>99.928055 | SF<br>min<br>z<br>phi  | .0118551<br>.0473389<br>.1717661<br>106.01341 | LFr<br>max<br>m<br>2-LEV | .6443586<br>.2741288<br>.0230940<br>/EL THRUST |
| N<br>PRA<br>Si      | 3.0000000<br>1.0300000<br>4.348110             | wl<br>PRB<br>SAB         | .1800000<br>.9846575<br>3.395621               | w2<br>PRC               | .0500000<br>1.1946553<br>3.150205              | w3<br>L<br>K        | .0300000<br>.1978092<br>.1466355              | SF<br>min<br>z         | .0135384<br>.0511737<br>.0594157              | LFr<br>max<br>m          | .7275124<br>.2664165<br>.0346410               |
| n                   | 0577350  |                          | 16.013382                                      |                         | 11.940427                                      | the                 | 101.94045                                     | phi                    | 106.01341                                     | , E                      |  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261081<br>.0577350 | wl<br>PRB<br>SAB<br>gam  | .1800000°<br>.9817337<br>2.852107<br>16.013382 | Sf                      | .0500000<br>1.1946553<br>3.150205<br>11.940427 | w3<br>L<br>K<br>the | .0300000<br>.1072235<br>.0560498<br>101.94045 | SF<br>min<br>z.<br>phi | .0135384<br>.0511737<br>.1378652<br>106.01341 | LFr<br>mex<br>m          | .6721506<br>.2664165<br>.03146410              |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0462133<br>2.608859<br>.0577350 | wl<br>PRB<br>SAB<br>gam  | .1800000<br>.9729481<br>2.516116<br>16.013382  | w2<br>PRC<br>Sf<br>b-al | .0500000<br>1.286822<br>3.150205<br>11.940427  | w3<br>L<br>K<br>the | .0300000<br>.0528717<br>.0016980<br>101:94045 | SF<br>min<br>z<br>phi  | .0135384<br>.0511737<br>.1849353<br>106.01341 | IFr<br>mex<br>m<br>2-LEV | .6389332<br>.2664165<br>.0346410<br>TEL THRUST |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0200000<br>4.348121<br>.0692820 | SAB                      | .1800000<br>1.0180106<br>3.301683<br>18.079681 | Sf                      | .0600000<br>1.1659626<br>3.152017<br>9.928032  | w3<br>L<br>K<br>the | .0200000<br>.2004471<br>.1442724<br>99.928055 | SF<br>min<br>z<br>phi  | .0159569<br>.0561747<br>.0638102<br>108.07970 | LFr<br>max<br>m          | •7254791<br>•2741288<br>•0230940               |
| N<br>PRA<br>S1      | 3.0000000<br>1.0300000<br>2.898726<br>.0692820 | wl<br>PRB<br>SAB         | .1800000<br>1.0220733<br>2.576986<br>18.079681 | w2<br>PRC ]             | .0600000<br>.1967255<br>3.152017<br>9.928032   | w3<br>L<br>K        | .0200000<br>.0796642<br>.0234895<br>99.928055 | SF<br>min<br>z<br>phi  | .0159569<br>.0561747<br>.1684112<br>108.07970 | IFr<br>max<br>m<br>2-LEV | .651.6619<br>.2741288<br>.0230940<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348112<br>.0692820 | wl.<br>PRB<br>SAB<br>gam | .1800000<br>.9964531<br>3.372380<br>18.079681  | Sf                      | .0600000<br>.1599793<br>3.153083               | w3<br>L<br>K<br>the | .0300000<br>.2016831<br>.1416736<br>101.94045 | SF<br>min<br>z<br>phi  | .0176401<br>.0600095<br>.0560609<br>108.07970 | LFr<br>max<br>m          | •7441425<br>•2664165<br>•0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261083<br>.0692820 | wl<br>PRB<br>SAB<br>gam  | .1800000<br>.9957716<br>2.828866<br>18.079681  | Sf                      | .0600000<br>.1599793<br>3.153083<br>1.940427   | w3<br>L<br>K<br>the | .0300000<br>.1110973<br>.0510878<br>101.94045 | SF<br>min<br>z<br>phi  | .0176401<br>.0600095<br>.1345104<br>108.07970 | LFr<br>max<br>m          | .6818600<br>.2664165<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348126<br>.0692820 | wl<br>PRB<br>SAB<br>gem  | .1800000<br>.9790319<br>3.443960<br>18.079681  | Sf                      | .0600000<br>.1497242<br>3.154619<br>3.967897   | w3<br>L<br>K<br>the | .0400000<br>.2027760<br>.1392980<br>103.96792 | SF<br>min<br>z<br>phi  | .0199032<br>.0634780<br>.0481182<br>108.07970 | LFr<br>max*<br>m         | .7637472<br>.2583380<br>.0461880               |

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| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0500000<br>3.478489<br>.0692820 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9760021<br>3.009141<br>18.079681  | w2 .0600000<br>PRC 1.1497242<br>Sf 3.154619<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.1303063<br>.0668282<br>103.96792  | SF<br>min<br>z<br>phi | .0199032<br>.0634780<br>.1108788<br>108.07970     | LFr<br>mex<br>m          | •7083845<br>•2583380<br>•0461880               |
|-----------------------|--|-------------------------|--|---|---------------------|--|-----------------------|---|--------------------------|--|
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0598620<br>2.898732<br>.0692820 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9713250<br>2.718861<br>18.079681  | w2 .0600000<br>PRC 1.1945253<br>Sf 3.154619<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.0819931<br>.0185151<br>103.96792  | SF<br>min<br>z<br>phi | .0199032<br>.0634780<br>.1527192<br>108.07970     | IFr<br>max<br>m<br>2-LE  | .6714754<br>.2583380<br>.0461880<br>VEL THRUST |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0200000<br>4.348123<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0331745<br>3.276840<br>20.170979 | w2 .0700000<br>PRC 1.1298903<br>Sf 3.155801<br>b-al 9.928032  | w3<br>L<br>K<br>the | .0200000<br>.2045879<br>.1391699<br>99.928055  | SF<br>min<br>z<br>phi | .0211496<br>.0654181<br>.0602241<br>110.17100     | LFr<br>max<br>m          | .7422161<br>.2741288<br>.0230940               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0300000<br>2.898752<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0382610<br>2.552154<br>20.170979 | w2 .0700000<br>PRC 1.1909573<br>Sf 3.155801<br>b-al 9.928032  | w3<br>L<br>K<br>the | .0200000<br>.0838070<br>.01.83890<br>99.928055 | SF<br>min<br>z<br>phi | .0211496<br>.0654181<br>.1648235<br>110.17100     | LFr<br>max<br>m<br>2-LEV | .6591730<br>.2741288<br>.0230940<br>/EL THRUST |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0300000<br>4.348114<br>.0808290 | wl<br>PRB<br>SAB<br>gam | 1800000<br>1.0099299<br>3.347537<br>20.170979  | w2 .0700000<br>PRC 1.1259088<br>Sf 3.156867<br>b-al 11.940427 | w3<br>L<br>K<br>the | .0300000<br>.2058239<br>.1365711<br>101.94045  | SF<br>min<br>z<br>phi | .0228329<br>.0692528<br>.0524748<br>110.17100     | LFr<br>max<br>m          | .7609949<br>.2664165<br>.0346410               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.040000<br>3.261085<br>.0808290  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0118547<br>2.804023<br>20.170979 | w2 .0700000<br>PRC 1.1259088<br>Sf 3.156867<br>b-ml 11.940427 | w3<br>L<br>K<br>the | •.0300000<br>•1152382<br>•0459854<br>101•94045 | SF<br>min<br>z<br>phi | .0228329<br>.0692528<br>.1309243<br>110:17100     | LFr<br>max<br>m          | .6917925<br>.2664165<br>.0346410               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.040000<br>4.348105<br>.0808290  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9897573<br>3.419105<br>20.170979  | w2 .0700000<br>PRC 1.1194412<br>Sf 3.158403<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.2069149<br>.1341936<br>103.96792  | SF<br>min<br>z<br>phi | .0250960<br>.0727214<br>.0445338<br>110.17100     | LFr<br>max<br>m          | .7807331<br>.2583380<br>.0461880               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0500000<br>3.478492<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9882649<br>2.984298<br>20.170979  | w2 .0700000<br>PRC 1.1194412<br>Sf 3.158403<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.1344471<br>.0617258<br>103.96792  | SF<br>min<br>z<br>phi | .0250960<br>.0727214<br>· .1072927<br>110.17100 • | LFr<br>max<br>m '        | .7198353<br>.2583380<br>.0461880               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0590843<br>2.898734<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9812313<br>2.691764<br>20.170979  | w2 .0700000<br>PRC 1.1958018<br>Sf 3.158403<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.0861340<br>.0134126<br>103.96792  | SF<br>min<br>z<br>phi | .0250960<br>.0727214<br>.1491331<br>110.17100     | LFr<br>max<br>m<br>2-LEV | .6792364<br>.2583380<br>.0461880<br>EL THRUST  |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0500000<br>4.348111<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9738541<br>3.491534<br>20.170979  | w2 .0700000<br>PRC 1.1087913<br>Sf 3.160529<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.2078648<br>.1320508<br>106.01341  | SF<br>min<br>z<br>ohi | .0283203<br>.0758140<br>.0363895<br>110.17100     | LFr<br>max<br>m          | .8017111<br>.2498837<br>.0577350               |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0600000<br>3.623425<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9708265<br>3.129191<br>20.170979  | w2 .0700000<br>PRC 1.1087913<br>Sf 3.160529<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.1474743<br>.0716603<br>106.01341  | SF<br>min<br>z<br>phi | .0283203<br>.0758140<br>.0886892<br>110.17100     | LFr<br>max<br>m          | .7463493°<br>.2498837<br>.0577350              |
| N<br>PRA<br>Si<br>n   | 3.0000000<br>1.0700389<br>3.105786<br>.0808290 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9672025<br>2.870491<br>20.170979  | w2 .0700000<br>PRC 1.1383772<br>Sf 3.160529<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.1043377<br>.0285237<br>106.01341  | SF<br>min<br>z<br>phi | .0283203<br>.0758140<br>.1260465<br>110.17100     | IFr<br>max<br>m<br>2-LEV | •7068043<br>•2498837<br>•0577350<br>EL THRUST  |
| N .<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348123<br>.0923761 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0489591<br>3.250313<br>22.290742 | w2 .0800000<br>PRC 1.0963357<br>Sf 3.160724<br>b-al 9.928032  | w3<br>L<br>K<br>the | .0200000<br>.2090092<br>.1339308<br>99.928055  | SF<br>min<br>z<br>phi | .0275879<br>.0750784<br>.0563952<br>112.29076     | LFr<br>max<br>m          | •7592077<br>•2741288<br>•0230940               |

Brossom (response)

\* controllegendantifice

\* \*

· Automobility is

|   |                     | •  |                         |   |                         |   |                            |   |                       |  |                          |  |
|---|---------------------|--|-------------------------|---|-------------------------|---|----------------------------|---|-----------------------|--|--------------------------|--|
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>2.898752<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | 1800000<br>1.0525721<br>2.525627<br>22.290742   | w2<br>PRC<br>Sf<br>b-a  | .0800000<br>1.1889550<br>3.160724<br>1 9.928032 | w3<br>L<br>K<br>the        | .0200000<br>.0882282<br>.0131499<br>99.928055 | sr<br>min<br>z<br>phi | .1609946   | LFr<br>max<br>m<br>2-LE  | .6669378<br>.2741288<br>.0230940<br>VEL THRUST |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348114<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0244134<br>3.321011<br>22.290742  | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0935817<br>3.161790<br>1.1.940427 | w3<br>L<br>K<br>the        | .0300000<br>.2102451<br>.1313320<br>101.94045 | SF<br>min<br>z<br>phi | .0292711<br>.0789131<br>.0486459<br>112.29076                          | LFr<br>max<br>m          | •7781267<br>•2664165<br>•0346410               |
| • | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261086<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0289297<br>2.777497<br>22.290742  | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.1063532<br>3.161790<br>11.940427  | w3<br>L<br>K<br>the        | .0300000<br>.1196594<br>.0407463<br>101.94045 | SF<br>min<br>z<br>phi | .0292711<br>.0789131<br>.1270954<br>112.29076                          | LFr<br>max<br>m<br>2-LE  | 7020035<br>2664165<br>0346410<br>VEL THRUST    |
|   |                     | 3.0000000<br>1.0400000<br>4.348106<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0024011<br>3.392578<br>22.290742  | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0892523<br>3.163325<br>13.967897  | I<br>K<br>the              | .0400000<br>.2113361<br>.1289545<br>103.96792 | SF<br>min<br>z<br>phi | .0315342<br>.0823816<br>.0407048<br>112.29076                          | LFr<br>max<br>m          | .7980213<br>.2583380<br>.0461880               |
|   |                     | 3.0000000<br>1.0500000<br>3.478492<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0027541<br>2.957771<br>22.290742  | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0892523<br>3.163325<br>13.967897  | w3<br>L<br>K<br>the        | .0400000<br>.1388683<br>.0564867<br>103.96792 | SF<br>min<br>z<br>phi | .0315342<br>.0823816<br>.1034638<br>112.29076                          | LFr<br>max<br>m          | .7315874<br>.2583380<br>.0461880               |
|   |                     | 3.0000000<br>1.0574765<br>2.898734<br>.0923761                   | wl<br>PRB<br>SAB<br>gem | .1800000<br>.9918126<br>2.660576<br>22.290742   | w2<br>PRC<br>Sf<br>b-al | _0800000 • 1.1987773 3.163325 13.967897         | w3<br>L<br>K<br><b>the</b> | .0400000<br>.0905552<br>.0081736<br>103.96792 | SF<br>min<br>z<br>phi | .0315342<br>.0823816<br>.1453042<br>112.29076                          | LFr<br>max<br>m<br>2-LEV | .6872969<br>.2583380<br>.0461880<br>/EL THRUST |
|   |                     | 3.0000000<br>1.0500000<br>4.348111<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9835381<br>3.465007<br>22.290742   | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0824927<br>3.165452<br>·16.013382 | w3<br>L<br>K<br>the        | .0500000<br>.2122860<br>.1268117<br>106.01341 | SF<br>min<br>z<br>phi | .0347586<br>.0854743<br>.0325606<br>112.29076                          | IFr<br>max<br>m          | .8191729<br>.2498837<br>.0577350               |
|   |                     | 3.0000000<br>1.0600000<br>3.623426<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9816156<br>3.102664<br>22.290742   | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0824927<br>3.165452<br>16.013382  | w3<br>L<br>K<br>the        | .0500000<br>.1518955<br>.0664212<br>106.01341 | SF<br>min<br>z<br>phi | .0347586<br>.0854743<br>.0848603<br>112.29076                          | LFr<br>max<br>m          | •7591972<br>•2498837<br>•0577350               |
|   |                     | 3.0000000<br>1.0 <b>697</b> 898<br>3.105787<br>.0 <b>9</b> 23761 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9764245<br>2.843191<br>22.290742   | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.1402263<br>3.165452<br>16.013382  | w3<br>L<br>K<br>the        | .0500000<br>.1087589<br>.0232846<br>106.01341 | SF<br>min<br>z<br>phi | .0347586<br>.08547 <b>43</b><br>.12221 <b>76</b><br>112.290 <b>7</b> 6 | LFr<br>max<br>m<br>2-LEV | .7163572<br>.2498837<br>.0577350<br>TEL THRUST |
|   |                     | 3.0000000<br>1.0600000<br>4.348126<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9690615<br>3.538269<br>22.290742   | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0716669<br>3.168330<br>18.079681  | w3<br>L<br>K<br>the        | .0600000<br>.2130985<br>.1249131<br>108.07970 | SF<br>min<br>z<br>phi | .0388336<br>.0881854<br>.0242048<br>112.29076                          | ° LFr<br>max<br>m        | .8413897<br>.2410478<br>.0692820               |
|   |                     | 3.0000000<br>1.0700000<br>3.726964<br>.0923761                   | wl<br>PRB<br>SAB<br>gem | .1800000<br>.9660845<br>3.227688<br>22.290742   | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0716669<br>3.168330<br>18.079681  | w3<br>L<br>K<br>the        | .0600000<br>.1613350<br>.0731496<br>108.07970 | SF<br>min<br>z<br>phi | .0388336<br>.0881854<br>.0690333<br>112.29076                          | LFr<br>max<br>m          | .7860270<br>.2410478<br>.0692820               |
|   |                     | 3.0000000<br>1.0800547<br>3.261075<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000 -<br>.9625967<br>2.994920<br>22.290742 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.0990078<br>3.168330<br>18.079681  | w3<br>L<br>K<br>the        | .0600000<br>.1225109<br>.0343255<br>108.07970 | SF<br>min<br>z<br>phi | .0388336<br>.0881854<br>.1026560<br>112.29076                          | LFr<br>max<br>m<br>2-LEV | .7445040<br>.2410478<br>.0692820<br>EL THRUST  |
|   |                     | 3.0000000<br>1.0800174<br>2.898732<br>.0923761                   | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9533979<br>2.784633<br>22.290742   | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.1934058<br>3.168330<br>18.079681  | w3<br>L<br>K<br>the        | .0600000<br>.0923157<br>.0041303<br>108.07970 | SF<br>min<br>z<br>phi | .0388336<br>.0881854<br>.1288058<br>112.29076                          | LFr<br>max<br>m<br>2-LEV | .7122097<br>.2410478<br>.0692820<br>EL THRUST  |

.

|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348117<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0652692<br>3.221983<br>24.443137 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0653868<br>3.167086<br>1 9.928032 | w3<br>L<br>K.<br>the  | .0200000<br>.2137299<br>.1285564<br>99.928055 | SF<br>min<br>z<br>phi   | .0354481<br>.0851735<br>.0523070<br>114.4431.6 | LFr<br>mex<br>m          | .7765112<br>.2741288<br>.0230940                |
|---|---------------------|--|-------------------------|--|-------------------------|---|-----------------------|---|-------------------------|--|--------------------------|---|
|   | N<br>PRA<br>S1<br>n | 3.0000000<br>1.0298430<br>2.898746<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0650057<br>2.496842<br>24.443137 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.1910141<br>3.167086<br>9.923032   | w3<br>L<br>K<br>the   | .0200000<br>.0929489<br>.0077755<br>99.928055 | SF<br>min<br>z<br>phi   | .0354481<br>.0851735<br>.1569064<br>114.44316  | LFr<br>max<br>m<br>2-LE  | .6750145<br>.2741288<br>.0230940<br>IVEL THRUST |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348131<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0396173<br>3.292692<br>24.443137 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0634410<br>3.168153<br>11.940427  | w3<br>L<br>K<br>the   | .0300000<br>.2149677<br>.1259595<br>101.94045 | SF<br>min<br>z<br>phi   | .0371313<br>.0890082<br>.0445560<br>114.44316  | LFr<br>max<br>m          | •7955952<br>•2664165<br>•0346410                |
|   | N<br>PRA<br>Si<br>D | 3.0000000<br>1.0400000<br>3.261080<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0457786<br>2.749167<br>24.443137 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.1019587<br>3.168153<br>11.940427  | w3<br>L<br>K<br>the   | .0300000<br>.1243801<br>.0353719<br>101.94045 | SF<br>min<br>z<br>phi   | .0371313<br>.0890082<br>.1230072<br>114.44316  | LFr<br>max<br>m<br>2-LE  | .7125511<br>.2664165<br>.0346410<br>VEL THRUST  |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.040000<br>4.348123<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0161954<br>3.364260<br>24.443137 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0604429<br>3.169688<br>13.967897  | w3<br>L<br>K          | .0400000<br>.2160587<br>.1235820<br>103.96792 | SF<br>min<br>z<br>phi   | .0393944<br>.0924768<br>.0366150<br>114.44316  | IFr<br>max<br>m          | .8156691<br>.2583380<br>.0461880                |
|   | N<br>PRA<br>Si<br>n | 3,0000000<br>1.0500000<br>3.478486<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0186309<br>2.929442<br>24.443137 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0622209<br>3.169688<br>13.967897  | w3<br>L .<br>K<br>the | .0400000<br>.1435890<br>.0511123<br>103.96792 | SF<br>min<br>z<br>phi   | .0393944<br>.0924768<br>.0993756<br>114.44316  | IFr<br>max<br>m<br>2-LE  | .7436972<br>.2583380<br>.0461880<br>VEL THRUST  |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0548001<br>2.898751<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0014078<br>2.624501<br>24.443137 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.2060321<br>3.169688<br>13.967897  | w3<br>L<br>K          | .0400000<br>.0952778<br>.0028011<br>103.96792 | SF<br>min<br>z<br>phi   | .0393944<br>.0924768<br>.1412143<br>114.44316  | LFr<br>max<br>m<br>2-LEV | .6957178<br>.2583380<br>.0461880<br>VEL THRUST  |
|   | N<br>PRA<br>Si      | 3.0000000<br>1.0500000<br>4.348128<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9953600<br>3.436689<br>24.443137  | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0559069<br>3.171814<br>16.013382  | w3<br>L<br>K<br>the   | .0500000<br>.2170086<br>.1214392<br>106.01341 | SF<br>min<br>z<br>phi   | .0426188<br>.0955694<br>.0284707<br>114.44316  | LFr<br>max<br>m          | .8370161<br>.2498837<br>.0577350                |
|   | N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623443<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9948131<br>3.074346<br>24.443137  | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0559069<br>3.171814<br>16.013382  | w3<br>L<br>K<br>the   | .0500000<br>.1566181<br>.0610487<br>106.01341 | SF<br>min<br>z<br>phi   | .0426188<br>.0955694<br>.0807704<br>114.44316  | IFr<br>max<br>m          | .7724266<br>.2498837<br>.0577350                |
| 1 | N<br>PRA<br>Si      | 3.0000000<br>1.0690363<br>3.105804<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9867461<br>2.812533<br>24.443137  | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.1428908<br>3.171814<br>16.013382  | w3<br>L<br>K<br>the   | .0500000<br>.1134815<br>.0179121<br>106.01341 | SF<br>min<br>z<br>phi   | .0426188<br>.0955694<br>•.1181278<br>114.44316 | LFr<br>max<br>m<br>2-LEV | .7262917<br>.2498837<br>.0577350<br>EL THRUST   |
| ] | N<br>PRA<br>Si      | 3.0000000<br>1.0600000<br>4.348120<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9777333<br>3.509939<br>24.443137  | Sf                      | .0900000<br>1.0490268<br>3.174692<br>18.079681  | w3<br>L<br>.K<br>the  | .0600000<br>.2178192<br>.1195387<br>108.07970 | SF<br>min<br>z<br>phi   | .0466938<br>.0982805<br>.0201166<br>114.44316  | LFr<br>max<br>m          | .8594465<br>.2410478<br>.0692820                |
| 1 | N<br>PRA<br>Si      | 3.0000000<br>1.0700000<br>3.726958<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9755717<br>3.199358<br>24.443137  | Sf                      | .0900000<br>1.0490268<br>3.174692<br>18.079681  | w3<br>L<br>K<br>the   | .0600000<br>.1660557<br>.0677752<br>108.07970 | SF<br>min •<br>z<br>phi | .0466938<br>.0982805<br>.0649451<br>114.44316  | LFr<br>max<br>m          | .8001299<br>.2410478<br>.0692820                |
| E | N<br>PRA<br>Si      | 3.0000000<br>1.0798596<br>3.261092<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9706042<br>2.965967<br>24.443137  | Sf                      | .0900000<br>1.1027909<br>3.174692<br>18.079681  | w3<br>L<br>• K<br>the | .0600000<br>.1272335<br>.0289530<br>108.07970 | SF<br>min<br>z<br>phi   | .0466938<br>.0982805<br>.0985661<br>114.44316  | LFr<br>max<br>m<br>2-LEV | .7556429<br>.2410478<br>.0692820<br>EL THRUST   |

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| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0700000<br>4.348127<br>.1039231 | wl<br>PRB<br>SAB<br>gam   | .1800000<br>.9645982<br>3.584039<br>24.443137  | w2 .0900000<br>PRC 1.0382125<br>Sf 3.178470<br>b-al 20.170975  | L K                 | .0700000<br>.2184906<br>.1179064<br>110.17100 | SF<br>min<br>z<br>phi  | .0518856<br>.1005843<br>.0115302<br>114.44316 | LFr<br>max<br>m | .8831320<br>.2318045<br>.0808291 |
|---------------------|--|---------------------------|--|--|---------------------|---|------------------------|---|-----------------|----------------------------------|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>3.804601<br>.1039231 | wl<br>PRB<br>SAB<br>gam   | .1800000<br>.9616936<br>3.312276<br>24.443137  | w2 .0900000<br>PRC 1.0382125<br>Sf 3.178476<br>b-al 20.170979  | L<br>K              | .0700000<br>.1731968<br>.0726126<br>110.17100 | SF<br>min<br>z<br>phi  | .0518856<br>.1005843<br>.0507558<br>114.44316 | IFr<br>max<br>m | .8277683<br>.2318045<br>.0808291 |
| N                   | 3.0000000                                      | wl                        | .1800000                                       | w2 .0900000  | K L                 | .0700000                                      | SF                     | .0518856                                      | IFr             | .7847080                         |
| PRA                 | 1.0899542                                      | PRB                       | .9580633                                       | PRC 1.069937 <sup>1</sup>                                      |                     | .1379681                                      | min                    | .1005843                                      | max             | .2318045                         |
| Si                  | 3.381856                                       | SAB                       | 3.100747                                       | Sf 3.178476  |                     | .0373838                                      | z                      | .0812648                                      | m               | .0808291                         |
| n                   | .1039231                                       | gam                       | 24.443137                                      | b-al 20.170979   |                     | 110.17100                                     | phi                    | 114.44316                                     | 2-LEV           | /FL THRUST                       |
| N                   | 3.0000000                                      | wl                        | .1800000                                       | w2 .0900000  | } L                 | .0700000                                      | SF                     | .0518856                                      | LFr             | .7502623                         |
| PRV                 | 1.0915058                                      | PRB                       | .9499981                                       | PRC 1.1513468  |                     | .1097870                                      | min                    | .1005843                                      | max             | .2318045                         |
| Si                  | 3.043683                                       | SAB                       | 2.905963                                       | Sf 3.178476  |                     | .0092027                                      | z                      | .1056703                                      | m               | .0808291                         |
| n                   | .1039231                                       | gam                       | 24.443137                                      | b-al 20.170979   |                     | 110.17100                                     | phi                    | 114.44316                                     | 2-LEV           | VEL THRUST                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348123<br>.1154701 | wl<br>PRB<br>SAB<br>gam   | .1800000<br>1.0820729<br>3.191719<br>26.632957 | w2 .1000000<br>PRC 1.0370691<br>Sf 3.175286<br>b-al 9.928032   | K                   | .0200000<br>.2187748<br>.1230491<br>99.928055 | SF<br>min<br>z<br>phi  | .0449038<br>.0957258<br>.0479380<br>116.63298 | LFr<br>max<br>m | .7941904<br>.2741288<br>.0230940 |
| N                   | 3.0000000                                      | wl                        | .1800000                                       | w2 .10000000   | K K                 | .0200000                                      | SF                     | .0449038                                      | IFr             | .6834650                         |
| PRA                 | 1.0287374                                      | PRB                       | 1.0749317                                      | PRC 1.1991513  |                     | .0979920                                      | min                    | .0957258                                      | max             | .2741288                         |
| Si                  | 2.898729                                       | SAB                       | 2.463361                                       | Sf 3.175286  |                     | .0022662                                      | z                      | .1525390                                      | m               | .0230940                         |
| n                   | .1154701                                       | gam                       | 26.632957                                      | b-al 9.928032  |                     | 99.928055                                     | phi                    | 116.63298                                     | 2-LEV           | EL THRUST                        |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0300000<br>4.348114<br>.1154701 | wl<br>PRB<br>SAB<br>gem   | .1800000<br>1.0554198<br>3.262417<br>26.632957 | w2 .1000000<br>PRC 1.0356789<br>Sf 3.176353<br>b-al 11.940427  | L<br>K              | .0300000<br>.2200108<br>.1204502<br>101.94045 | SF<br>min<br>z<br>phi  | .0465870<br>.0995605<br>.0401886<br>116.63298 | LFr<br>max<br>m | .8134594<br>.2664165<br>.0346410 |
| N                   | 3.0000000                                      | wl                        | .1800000                                       | w2 .1000000  | w3                  | .0300000                                      | SF                     | .0465870                                      | LFr             | .7234964                         |
| PRA                 | 1.0400000                                      | PRB                       | 1.0615238                                      | PRC 1.1005389  | L •                 | .1294251                                      | min                    | .0995605                                      | max             | .2664165                         |
| Si                  | 3.261086                                       | SAB                       | 2.718902                                       | Sf 3.176353  | K                   | .0298645                                      | z                      | .1186381                                      | m               | .0346410                         |
| n                   | .1154701                                       | gam                       | 26.632957                                      | b-al 11.940427   | the                 | 101.94045                                     | phi                    | 116.63298                                     | 2-LEV           | EL THRUST                        |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348128<br>.1154701 | wl<br>PRB<br>• SAB<br>gam | .1800000<br>1.0308119<br>3.333996<br>26.632957 | w2 .10000000<br>PRC 1.0335654<br>Sf 3.177888<br>b-al 13.967897 | L                   | .0400000<br>.2211037<br>.1180746<br>103.96792 | SF<br>min<br>z<br>phi  | .0488510<br>.1030290<br>.0322459<br>116.63298 | LFr<br>mex<br>m | .8337383<br>.2583380<br>.0461880 |
| N                   | 3.000000                                       | wl                        | .1800000                                       | w2 .1000000  | w3                  | .0400000                                      | SF                     | .0488510                                      | LFr             | .7562313                         |
| PRA                 | 1.050000                                       | PRB                       | 1.0347658                                      | PRC 1.0593068  | L                   | .1486340                                      | min                    | .1030290                                      | max             | .2583380                         |
| Si                  | 3.478492                                       | SAB                       | 2.899177                                       | Sf 3.177888  | K                   | .0456049                                      | z                      | .0950065                                      | m               | .0461880                         |
| n                   | .1154701                                       | gam                       | 26.632957                                      | b-al 13.967897   | the                 | 103.96792                                     | phi                    | 116.63298                                     | 2-LEV           | EL THRUST                        |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348111<br>.1154701 | wl<br>PRB<br>SAB<br>gam   | .1800000<br>1.0084682<br>3.406413<br>26.632957 | w2 .1000000<br>PRC 1.0304347<br>Sf 3.180015<br>b-al 16.013382  | w3<br>L<br>K<br>the | .0500000<br>.2220516<br>.1159299<br>106.01341 | SF<br>min·<br>z<br>phi | .0520744<br>.1061217<br>.0241033<br>116.63298 | IFr<br>max<br>m | .8553076<br>.2498837<br>.0577350 |
| N                   | 3.000000                                       | wl                        | .1800000                                       | w2 .1000000  | w3                  | .0500000                                      | SF                     | .0520744                                      | LFr             | .7861042                         |
| PRA                 | 1.060000                                       | PRB                       | 1.0095352                                      | PRC 1.0347917  | L                   | .1616612                                      | min                    | .1061217                                      | max             | .2498837                         |
| Si                  | 3.623425                                       | SAB                       | 3.044070                                       | Sf 3.180015  | K                   | .0555395                                      | z                      | .0764030                                      | m               | .0577350                         |
| n                   | .1154701                                       | gam                       | 26.632957                                      | b-al 16.013382   | the                 | 106.01341                                     | phi                    | 116.63298                                     | 2-LEV           | EL THRUST                        |
| N                   | 3.0000000                                      | wl                        | .1800000                                       | w2 .1000000  | w3                  | .0500000                                      | SF                     | .0520744                                      | LFr             | .7366734                         |
| PRA                 | 1.0675848                                      | PRB                       | .9968133                                       | PRC 1.1484774  | L                   | .1185246                                      | min                    | .1061217                                      | max             | .2498837                         |
| Si                  | 3.105786                                       | SAB                       | 2.777748                                       | Sf 3.180015  | K                   | .0124029                                      | z                      | .1137604                                      | m ·             | .0577350                         |
| n                   | .1154701                                       | gam                       | 26.632957                                      | b-al 16.013382   | the                 | 106.01341                                     | phi                    | 116.63298                                     | 2=LEVF          | IL THRUST                        |

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| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>4.348126<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9887499<br>3.479675<br>26.632957  | e w2<br>PRC<br>Sf<br>b-al | .1000000<br>1.0258293<br>3.182893<br>18.079681 | w3<br>L<br>K<br>the   | .0600000<br>.2228642<br>.1140313<br>108.07970 | SF<br>min<br>•z<br>phi | .0561495<br>.1088328<br>.0157475<br>116.63298 | LFr<br>max<br>m           | .8779783<br>.2410478<br>.0692820               |
|---------------------|--|-------------------------|--|---------------------------|--|-----------------------|---|------------------------|---|---------------------------|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>3.726964<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9876473<br>3.169094<br>26.632957  | w2<br>PRC<br>Sf<br>b-al   | .1000000<br>1.0258293<br>3.182893<br>18.079681 | w3<br>L<br>K<br>the   | .0600000<br>.1711006<br>.0622678<br>108.07970 | • SF min z phi         | .0561495<br>.1088328<br>.0605761<br>116.63298 | LFr<br>max<br>m .         | .8147068<br>.2410478<br>.0692820               |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0791967<br>3.261075<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9800404<br>2.933528<br>26.632957  | w2<br>PRC<br>Sf<br>b-al   | .1000000<br>1.1071024<br>3.182893<br>18.079681 | w3<br>L<br>K<br>the   | .0600000<br>.1322765<br>.0234437<br>108.07970 | SF<br>min<br>z<br>phi  | .0561495<br>.1088328<br>.0941987<br>116.63298 | LFr<br>max<br>m<br>2-LEV  | .7672520<br>.2410478<br>.0692820<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>4.348109<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9722981<br>3.553764<br>26.632957  | w2<br>PRC<br>Sf<br>b-al   | .1000000<br>1.0189716<br>3.186677<br>20.170979 | W3<br>L<br>K<br>• the | .0700000<br>.2235336<br>.1123971<br>110.17100 | SF<br>min<br>z<br>phi  | .0613413<br>.1111366<br>.0071628<br>116.63298 | IFr<br>max<br>m           | .9019232<br>.2318045<br>.0808291               |
| N<br>PRA<br>Si      | 3.0000000<br>1.0800000<br>3.804606<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9700044<br>3.282012<br>26.632957  | Sf                        | .1000000<br>1.0189716<br>3.186677<br>20.170979 | w3<br>L<br>K<br>the   | .0700000<br>.1782417<br>.0671052<br>110.17100 | SF<br>min<br>z<br>phi  | .0613413<br>.1111366<br>.0463868<br>116.63298 | LFr<br>max<br>m           | .8431025<br>.2318045<br>.0808291               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0896193<br>3.381862<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1800000<br>.9646468<br>3.069351<br>26.632957  | w2<br>PRC<br>Sf<br>b-al   | .1000000<br>1.0762745<br>3.186677<br>20.170979 | w3<br>L<br>K<br>the   | .0700000<br>.1430130<br>.0318765<br>110.17100 | SF<br>min<br>z<br>phi  | .0613413<br>.1111366<br>.0768957<br>116.63298 | LFr<br>max<br>m<br>2-LEV  | .7973509<br>.2318045<br>.0808291<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0868777<br>3.043689<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9535354<br>2.861613<br>26.632957  | Sf                        | .1000000<br>1.1678585<br>3.186677<br>20.170979 | w3<br>L<br>K<br>the   | .0700000<br>.1148319<br>.0036954<br>110.17100 | SF<br>min<br>z<br>phi  | .0613413<br>.1111366<br>.1013013<br>116.63298 | LFr<br>max<br>m<br>2-LEV  | .7607517<br>.2318045<br>.0808291<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0900000<br>3.864982<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9576045<br>3.387116<br>26.632957  | Sf                        | .1000000<br>1.0083330<br>3.191599<br>22.290742 | w3 ·L K the           | .0800000<br>.1838074<br>.0707842<br>112.29076 | SF<br>min<br>z<br>phi  | .0677910<br>.1130232<br>.0332006<br>116.63298 | LFr<br>max<br>m           | .8718300<br>.2221442<br>.0923761               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0997394<br>3.478492<br>.1154701 | wl<br>PRB<br>SAB<br>gem | .1800000<br>.9535380<br>3.192964<br>26.632957  | Sf                        | .1000000<br>1.0482775<br>3.191599<br>22.290742 | w3<br>L<br>K<br>the   | .0800000<br>.1515999<br>.0385767<br>112.29076 | SF<br>min<br>z<br>phi  | .0677910<br>.1130232<br>.0610931<br>116.63298 | IFr<br>max<br>m<br>2-LEV  | .8275414<br>.2221442<br>.0923761<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.1012131<br>3.162269<br>.1154701 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9463004<br>3.007973<br>26.632957  | Sf                        | .1000000<br>1.1212576<br>3.191599<br>22.290742 | w3<br>L<br>K<br>the   | .0800000<br>.1252480<br>.0122248<br>112.29076 | SF<br>min<br>z<br>phi  | .0677910<br>.1130232<br>.0839146<br>116.63298 | LFr<br>max<br>m<br>2-LEV  | .7913056<br>.2221442<br>.0923761<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348117<br>.1270171 | SAB                     | .1800000<br>1.0993708<br>3.159349<br>28.865617 | w2<br>PRC<br>Sf<br>b-al   | .1100000<br>1.0114116<br>3.185848<br>9.928032  | w3<br>L<br>K<br>the   | .0200000<br>.2241688<br>.1174076<br>99.928055 | SF<br>min<br>z<br>phi  | .0561791<br>.1067612<br>.0432666<br>118.86564 | LFr<br>max<br>m           | .8123236<br>.2741288<br>.0230940               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348108<br>.1270171 | SAB                     | .1800000<br>1.0717685<br>3.230047<br>28.865617 | Sf                        | .1100000<br>1.0104161<br>3.186914<br>11.940427 | w3<br>L<br>K<br>the   | .0300000<br>.2254047<br>.1148088<br>101.94045 | SF<br>min<br>z<br>phi  | .0578623<br>.1105960<br>.0355173<br>118.86564 | LFr<br>max<br>m           | .8318043<br>.2664165<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261080<br>.1270171 | SAB                     | .1800000<br>1.0760143<br>2.686532<br>28.865617 | Sf                        | .1100000<br>1.1024535<br>3.186914<br>11.940427 | w3<br>L<br>K<br>the   | .0300000<br>.1348190<br>.0242230<br>101.94045 | SF<br>min<br>z<br>phi  | .0578623<br>.1105960<br>.1139668<br>118.86564 | LFr<br>max<br>m<br>2-LEVE | .7349215<br>.2664165<br>.0346410<br>EL THRUST  |

| 37       | 3,0000000     | **1   | .1800000     | w2 · .1100000  | w3         | .0400000         | SF    | .0601254             | LFr        | .8523150                   |
|----------|---------------|-------|--------------|--|------------|------------------|-------|----------------------|------------|----------------------------|
| N        |               | Wl    |              |  |            | 2264977          | min   | 1140645              | max        | .2583380                   |
| PRA      | 1.0400000     | PRB   | 1.0460949    | PRC 1.0089180  | L          |                  |       |                      |            |                            |
| Si       | 4.348122      | SAB   | 3.301626     | Sf 3.188450  | K          | .1124332         | Z     | .0275746             | m          | .0461880                   |
| n        | .1270171      | gam   | 28.865617    | b-al 13.967897   | the        | 103.96792        | phi   | 118.86564            |            |                            |
|          |               |       |              |  |            |                  |       |                      |            |                            |
| 17       | * 0000000     | **1   | .1800000     | w2 .1100000  | w3         | .0400000         | SF    | .0601254             | LFr        | .7692709                   |
| N        | 3.0000000     | wl    |              |  |            |                  |       |                      |            |                            |
| PRA      | 1.0500000     | PRB   | 1.0501768    | PRC 1.0590552  | L          | .1540280         | min   | .1140645             | max        | .2583380                   |
| Si       | 3.478486      | SAB   | 2.866808     | Sf 3.188450  | K          | .0399634         | Z     | .0903352             | m          | .0461880                   |
| n        | .1270171      | gam   | 28.865617    | b-al 13.967897   | the        | 103.96792        | phi   | 118.86564            | 2-LE       | VEL THRUST                 |
|          |               |       |              |  |            | •                |       |                      |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | .0500000         | SF    | .0633497             | LFr        | .8741331                   |
| PRA      |               | PRB   | 1.0224906    | PRC 1.0067295  | L          | .2274475         | min   | .1171572             | max        | .2498837                   |
|          | 1.0500000     |       |              |  |            |                  |       |                      |            |                            |
| Si       | 4.348128      | SAB   | 3.374055     | Sf 3.190576  | K          | .1102904         | z, .  | .0194303             | m          | .0577350                   |
| n        | .1270171      | gam   | 28.865617    | b-al 16.013382   | the        | 106.01341        | phi   | 118.86564            |            |                            |
|          |               |       |              |  |            |                  |       |                      |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | .0500000         | SF    | .0633497             | LFr        | .8003149                   |
| PRA      | 1.0600000     | PRB   | 1.0243430    | PRC 1.0342176  | L          | .1670551         | min   | .1171572             | max        | .2498837                   |
| Si       | 3.623419      | SAB   |              | Sf 3.190576  | ĸ          | .0498980         | Z     | .0717316             | m          | .0577350                   |
|          |               |       | 3.011700     |  |            |                  |       |                      |            |                            |
| n        | .1270171      | gam   | 28.865617    | b-al 16.013382   | the        | 106.01341        | phi   | 118.86564            | 2-145      | EL THRUST                  |
|          |               |       | •            |  |            |                  |       |                      |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | •0500000         | SF    | .0633497             | LFr        | .7475910                   |
| PRA      | 1.0650845     | PRB   | 1.0061606    | PRC 1.1583178  | L          | .1239205         | min   | .1171572             | max        | .2498837                   |
| Si       |               |       |              | Sf 3.190576  | ĸ          | .0067633         |       | 1090874              |            | .0577350                   |
|          | 3.105803      | SAB   | 2.737625     | and the second s |            |                  | z     |                      | m          |                            |
| n        | .1270171      | gam   | 28.865617    | b-al 16.013382   | the        | 106.01341        | phi   | 118.86564            | 2-1.6\     | EL THRUST                  |
|          |               |       |              |  |            |                  |       |                      |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | .0600000         | SF    | .0674248             | LFr        | .8970709                   |
| PRA      | 1.0600000     | PRB   | 1.0011791    | PRC 1.0035737  | L          | .2282581         | min   | .1198683             | max        | .2410478                   |
| Si       | 4.348120      | SAB   | 3.447305     | Sf 3.193454  | ĸ          | .1083899         | Z     | .0110762             | m          | .0692820                   |
|          |               |       |              |  |            |                  |       |                      | III        | .0092020                   |
| n        | .1270171      | gem   | 28.865617    | b-al 18.079681   | the        | 108.07970        | phi   | 118.86564            |            |                            |
|          |               |       |              |  |            | 7. 1             |       |                      |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | •0600000         | SF    | .0674248             | LFr        | 8298454                    |
| PRA      | 1.0700000     | PRB   | 1.0011888    | PRC 1.0168770  | L          | .1764946         | min   | .1198683             | max        | .2410478                   |
| Si       | 3.726957      | SAB   | 3.136724     | Sf 3.193454  | K          | .0566263         | z     | .0559047             | m          | .0692820                   |
|          |               |       |              |  |            |                  |       | 118.86564            |            | EL THRUST                  |
| n        | .1270171      | gam   | 28.865617    | b-al 18.079681   | the        | 108.07970        | phi   | 110.00004            | Z=1.101    | EL MINOSI                  |
|          |               |       |              |  |            | •                |       | C-1 -1 0             |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | •0600000         | SF    | .0674248             | LFr        | .7794266                   |
| PRA      | 1.0778140     | PRB   | .9898119     | PRC 1.1138077  | L          | .1376724         | min   | .1198683             | max        | .2410478                   |
| · Si     | 3.261091      | SAB   | 2.896662     | Sf 3.193454  | K          | .0178042         | Z     | .0895257             | m          | .0692820                   |
| n        | .1270171      | gam   | 28.865617    | b-al 18.079681   | the        | 108.07970        | phi   | 118.86564            |            | EL THRUST                  |
| 11       | •15/01/1      | Pont  | 20.00,01     | b-a1 10.019001   | One        | 100.01910        | Pili  | 110.00)01            |            | DD ZILIOSI                 |
|          |               | _     | -04          |  | _          |                  | -     | 2001211              |            | 0017017                    |
| N        | 3.0000000     | wl    | .1.800000    | w2 .1100000  | w3         | .0700000         | SF    | .0726166             | LFr        | .9213047                   |
| PRA      | 1.0700000     | • PRB | .9825239     | PRC .9990209   | L          | 2289295          | min   | .1221720             | max        | .2318045                   |
| Si       | 4.348126      | SAB   | 3.521405     | Sf 3.197238  | K          | .1067575         | Z     | .0024898             | m          | .0808291                   |
| n        | .1270171      | gan   | 28.865617    | b-al 20.170979   | the        | 110.17100        | phi   | 118.86564            |            |                            |
|          |               | 0     |              |  |            |                  |       | ,                    |            |                            |
| NT       | * 0000000     |       | .1800000     | 110000   | ***        | .0700000         | SF    | .0726166             | LFr        | .8590212                   |
| N<br>PRA | 3.0000000     | wl    |              | w2 .1100000  | <b>w</b> 3 |                  | min   |                      |            | .2318045                   |
|          | 1.0800000     | PRB   | .9811315     | PRC 1.0027950  | L          | .1836357         |       | .1221720             | max        |                            |
| Si       | 3.804600      | SAB   | 3.249642     | Sf 3.197238  | K          | .0614637         | Z     | .0417154             | m          | .0808291                   |
| n        | .1270171      | gam   | 28.865617    | b-al 20.170979   | the        | 110.17100        | phi   | 118.86564            | 2-LEV      | EL THRUST                  |
|          | •             |       |              |  |            |                  |       |                      |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | .0700000         | SF    | .0726166             | LFr        | .8105774                   |
| PRA      | 1.0888291     | PRB   | 9730045      | PRC 1.0829300  | L          | 1484070          | min   | 1221720              | max        | 2318045                    |
| Si       | 3.381856      |       | 3.034308     |  |            |                  |       |                      |            | .0808291                   |
|          |               | SAB   |              | Sf 3.197238  | K          | .0262350         | Z     | .0722244             | m          |                            |
| n        | .1270171      | gam   | 28.865617    | b-al 20.170979   | the        | 110.17100        | phi   | 118.86564            | 2-1.EV     | EL THRUST                  |
|          |               |       |              | •  |            |                  |       |                      |            |                            |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | w3         | .0800000         | SF    | .0790663             | LFr        | ·888/14/10                 |
| PRA      | 1.0900000     | PRB   | .9648215     | PRC .9923252   | L          | .1892033         | min   | .1240587             | max        | .2221442                   |
| Si       | 3.864999      | SAB   | 3.354758     | Sf 3.202160  | K          | .0651446         | Z     | .0285277             | m          | .0923761                   |
| n        | .1270171      |       | 28.865617    |  |            |                  |       | 118.86564            | 111        | •0 <i>)</i> 2 <i>)</i> 10± |
| 11       | • TC   OT   T | gam   | 50.0030T     | ט-מו בב•בץטן+ב   | . the      | 112.29076        | phi   | ±0•0090 <del>4</del> |            |                            |
|          |               |       |              |  |            |                  |       |                      |            | 01 0 6                     |
| N        | 3.0000000     | wl    | .1800000     | w2 .1100000  | <b>w</b> 3 | .0800000         | SF    | .0790663             | LFr        | .8416920                   |
| PRA      | 1.0991583     | PRB   | •9587801     | PRC 1.0573853  | L          | <b>.</b> 1569939 | min   | .1240587             | max        | .2221442                   |
| Si       | 3.478486      | SAB   | 3.158572     | Sf 3.202160  | K          | .0329352         | Z     | .0564218             | m          | .0923761                   |
| n        | .1270171      | gam   | 28.865617    | b-al 22.290742   |            | 112.29076        | phi   | 118.86564            |            | EL THRUST                  |
|          |               | Down  | TO . OO ) OT | J-01   | OTIC       |                  | F-11- | TTO • 00 ) 07        | . ۷ نسر۔ _ | A 100 A                    |

Proposition 2

Authorities i

Total Parker

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| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0968233<br>3.162263<br>.1270171 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9488471<br>2.961720<br>28.865617  | w2 .11000<br>PRC 1.13946<br>Sf 3.2021<br>b-al 22.2907     | 97 L<br>60 K | .0800000<br>.1306420<br>.0065833<br>112.29076   | SF<br>min<br>z<br>phi  | .0790663<br>.1240587<br>.0792433<br>118.86564  | IFr<br>max<br>m<br>2-LE  | .8034430<br>.2221442<br>.0923761<br>VEL THRUST |
|---------------------|--|-------------------------|--|---|--------------|---|------------------------|--|--------------------------|--|
| N<br>PRA<br>Si      | 3.0000000<br>1.100000<br>3.913303<br>.1270171  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9537706<br>3.454634<br>28.865617  | w2 .11000<br>PRC .98201<br>Sf 3.2085<br>b-al 24.4431      | 80 L<br>23 K | .0900000<br>.1936283<br>.0681175<br>114.44316   | SF<br>min<br>z<br>phi  | .0868845<br>.1255109<br>.0159531<br>118.86564  | LFr<br>max<br>m          | • .9184418<br>.2120494<br>.1039231             |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.1092005<br>3.557552<br>.1270171 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9490775<br>3.273913<br>28.865617  | w2 .11000<br>PRC 1.032616<br>Sf 3.2085<br>b-el 24.4431    | 00 L<br>23 K | .0900000<br>.1639824<br>.0384716<br>114.44316   | SF<br>min<br>z<br>phi  | .0868845<br>.1255109<br>.0416272<br>118.86564  | LFr<br>max<br>m°<br>2-LE | .8731461<br>.2120494<br>.1039231<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.1099638<br>3.261081<br>.1270171 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9424950<br>3.095792<br>28.865617  | w2 .110000<br>PRC 1.099649<br>Sf 3.20853<br>b-al 24.44313 | 95 L<br>23 K | .0900000<br>.1392765<br>.0137657<br>114.44316   | SF<br>min<br>z<br>phi  | .0868845<br>.1255109<br>.0630232<br>118.86564  | LFr<br>max<br>m<br>2-LEV | .8353987<br>.2120494<br>.1039231<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348117<br>.1385641 | wl<br>PRB<br>SAB<br>gem | .1800000<br>1.1171897<br>3.124697<br>31.147322 | w2 .120000<br>PRC .988501<br>Sf 3.19950<br>b-al 9.92803   | 45 L<br>50 K | .0200000<br>.2299442<br>.1116339<br>99.928055   | SF<br>min<br>z<br>phi  | .0695057<br>.1183104<br>.0382649<br>121.14734  | LFr<br>max<br>m          | .8310051<br>.2741288<br>.0230940               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348131<br>.1385641 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0886558<br>3.195406<br>31.147322 | W2 .120000<br>PRC .987796<br>Sf 3.20062<br>b-al 11.94042  | 56 L<br>27 K | .0300000<br>.2311821<br>.1090370<br>101.94045   | SF<br>min<br>z<br>phi  | .0711889<br>.1221451<br>.0305139<br>121.14734  | LFr<br>max<br>m          | .8507309<br>.2664165<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.040000<br>3.261080<br>.1385641  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0885971<br>2.651880<br>31.147322 | v2 .120000<br>PRC 1.108699<br>Sf 3.20062<br>b-al 11.94042 | 9 L<br>27 K  | .0300000<br>.1405945<br>.0184494<br>101.94045   | SF<br>min.<br>z<br>phi | .0711889<br>.1221451<br>.1089651<br>121.14734  | LFr<br>max<br>m<br>2-LEV | .7469254<br>.2664165<br>.0346410<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348122<br>.1385641 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0619804<br>3.266973<br>31.147322 | w2 .120000<br>PRC .986738<br>Sf 3.20216<br>b-al 13.96789  | 8 L<br>52 K  | .0400000<br>.2322731<br>.1066595<br>103.96792   | SF<br>min<br>z<br>phi  | .0734520<br>.1256136<br>.0225729<br>121.14734  | LFr<br>max<br>m          | .8714981<br>.2583380<br>.0461880               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478486<br>.1385641 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0647402<br>2.832155<br>31.147322 | w2 .120000<br>PRC 1.061897<br>Sf 3.20216<br>b-al 13.96789 | 6 L<br>6 K   | .0400000<br>.1598034<br>.0341898<br>103.96792   | SF<br>min<br>z<br>phi  | .0734520<br>.1256136<br>.0853335<br>121.14734  | LFr<br>max<br>m<br>2-LEV | .7829180<br>.2583380<br>.0461880<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348128<br>.1385641 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0372525<br>3.339402<br>31.147322 | w2 .120000<br>PRC .985208<br>Sf 3.20428<br>b-al 16.01338  | 7 L<br>8 K   | .0500000<br>.2332230<br>· .1045167<br>106.01341 | SF<br>min<br>z<br>phi  | .0766764<br>.1287063·<br>.0144286<br>121.14734 | LFr<br>max<br>m          | .8935938<br>.2498837<br>.0577350               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623420<br>.1385641 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0388209<br>2.977048<br>31.147322 | w2 .120000<br>PRC 1.036108<br>Sf 3.20428<br>b-al 16.01338 | 2 L<br>8 K   | .0500000<br>.1728306<br>.0441243<br>106.01341   | SF<br>min<br>z<br>phi  | .0766764<br>.1287063<br>.0667300<br>121.14734  | LFr<br>max<br>m<br>2-LEV | .8151627<br>.2498837<br>.0577350<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0610525<br>3.105803<br>.1385641 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0139776<br>2.690450<br>31.147322 | w2 .120000<br>PRC 1.174568<br>Sf 3.20428<br>b-al 16.01338 | 8 K          | .0500000<br>.1296959<br>.0009896<br>106.01341   | SF<br>min<br>z<br>phi  | .0766764<br>.1287063<br>.1040857<br>121.14734  | LFr<br>max<br>m<br>2-LEV | .7591429<br>.2498837<br>.0577350<br>EL THRUST  |
| N PRA Si            | 3.0000000<br>1.0600000<br>4.348120<br>.1385641 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0146117<br>3.412653<br>31.147322 | w2 .120000<br>PRC .983035<br>Sf 3.20716<br>b-al 18.07968  | 6 L<br>6 K   | .0600000<br>.2340336<br>.1026162<br>108.07970   | SF<br>min<br>z<br>phi  | .0807514<br>.1314174<br>.0060745<br>121.14734  | LFr<br>max<br>m          | .9168282<br>.2410478<br>.0692820               |

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Table 1875

Total constitution of the

|              |                        |            |                       |                               |            |                       | 1           |                              |             |                       |
|--------------|------------------------|------------|-----------------------|-------------------------------|------------|-----------------------|-------------|------------------------------|-------------|-----------------------|
| N            | 3.0000000              | wl.        | .1800000              | w2 .1200000                   | w3         | .0600000              | SF          | .0807514                     | LFr         | .8456478              |
| PRA          | 1.0700000              | PRB        | 1.0147209             | PRC 1.0188801                 | Ļ          | .1822701              | min         | .1314174                     | max         | .2410478              |
| Si           | 3.726958               | SAB        | 3.102071              | Sf 3.207166                   | K          | .0508526              | Z           | 0509030                      | m           | .0692820              |
| n            | .1385641               | gam        | 31.147322             | b-al 18.079681                | the        | 108.07970             | phi         | 121.14734                    | 2-LE7       | EL THRUST             |
| N            | 3.0000000              | wl         | .1800000              | w2 .1200000                   | w3         | .0600000              | SF          | .0807514                     | LFr         | .7922640              |
| PRA          | 1.0758372              | PRB        | .9987669              | PRC 1.1245160                 | L.         | .1434479              | min         | .1314174                     | max         | .2410478              |
| Si           | 3.261092               | SAB        | 2.855563              | Sf 3.207166                   | K.         | .0120305              | Z           | .0845240                     | m           | .0692820              |
| n            | .1385641               | gam        | 31.147322             | b-al 18.079681                | the        | 108.07970             | phi         | 121.14734                    | 2-LEV       | EL THRUST             |
| N            | 3.0000000              | wl         | .1800000              | w2 .1200000                   | w3         | .0700000              | SF          | .0859432                     | IFr         | .8756342              |
| PRA          | 1.0800000              | PRB        | .9931614              | PRC 1.0056205                 | L          | .1894112              | min         | .1337211                     | max         | .2318045              |
| Si           | 3.804601               | SAB        | 3.214990              | Sf 3.210950                   | K          | .0556900              | Z.          | .0367137                     | m           | .0808291              |
| n            | .1385641               | gam        | 31.147322             | b-al 20.170979                | the        | 110.17100             | p <b>hi</b> | 121.14734                    | S-TEA       | EL THRUST             |
| .N           | 3,0000000              | **1        | .1800000              | w2 .1200000                   | w3         | .0700000              | SF          | .0859432                     | LFr         | .8245001              |
| PRA          | 1.0874251              | wl<br>PRB  | .9817401              | PRC 1.0920779                 | L          | .1541824              | min         | .1337211                     | max         | 2318045               |
| Si           | 3.381856               | SAB        | 2.994908              | Sf 3.210950                   | K          | .0204613              | z           | .0672227                     | m           | .0808291              |
| n            | .1385641               | gam        | 31.147322             | b-al 20.170979                | the        | 110.17100             | phi         | 121.14734                    | 2-LEV       | EL THRUST             |
|              |                        |            | 200000                | 2000000                       | 7          | 0900000               | CTD.        | 0007000                      | T Tran      | 0057708               |
| N            | 3.0000000              | wl         | .1800000              | w2 .1200000                   | <b>w</b> 3 | .0800000<br>.1949787  | SF<br>min   | .0923929<br>.135 <b>6078</b> | LFr<br>max  | .9057798<br>.2221442  |
| PRA<br>Si    | 1.0900000<br>3.864999  | PRB        | .9746226<br>.3.320105 | PRC .9938263<br>Sf 3.215873   | L<br>K     | .0593710              | Z           | .0235260                     | m           | .0923761              |
| n            | .1385641               | gam        | 31.147322             | b-al 22.290742                | the        | 112.29076             | phi         | 121.14734                    |             | EL THRUST             |
| - w' ( w ) ) |                        | 0          |                       |                               |            | .0                    |             |                              |             | 0-6-6-1               |
| N            | 3.0000000              | Wl         | .1800000              | w2 .1200000                   | w3         | .0800000              | SF          | .0923929                     | LFr         | .8565674<br>.2221442  |
| PRA<br>Si    | 1.0980081<br>3.478486  | PRB<br>SAB | .9660450<br>3.119919  | PRC 1.0669848<br>Sf 3.215873  | L<br>K     | .1627693<br>.0271616  | min<br>z    | .1356078<br>.0514201         | max.<br>m   | .0923761              |
| 'n           | .1385641               | gam        | 31.147322             | b-al 22.290742                | the        | 112.29076             | phi         | 121.14734                    |             | EL THRUST             |
|              |                        | ,          |                       |                               |            | -0                    |             | •                            |             | 02 (7050              |
| N<br>PRA     | 3.0000000              | wl         | .1800000              | w2 .1200000<br>PRC 1.1609910  | w3<br>L    | .0800000              | SF          | .0923929<br>.1356078         | LFr<br>max  | .8163052<br>.2221442  |
| S1           | 1.0905364<br>3.162263  | PRB<br>SAB | .9527896<br>2.907187  | PRC 1.1609910<br>Sf 3.215873  | K          | .0008096              | Z           | .0742416                     | m           | .0923761              |
| n            | .1385641               | gam        | 31.147322             | b-al 22.290742                | the        | 112.29076             | phi         | 121.14734                    |             | EL THRUST             |
| NY           | 7 0000000              | ••1        | .1800000              | w2 .1200000                   | w3         | •0900000              | SF          | .1002112                     | LFr         | .9364462              |
| N<br>PRA     | 3.0000000<br>1.1000000 | wl<br>PRB  | .9598558              | PRC .9815842                  | L          | .1994038              | min         | .1370600                     | max         | .2120494              |
| Si           | 3.913303               | SAB        | 3.419981              | Sf 3.222235                   | ĸ          | .0623438              | Z           | .0109514                     | m           | .1039231              |
| n            | .1385641               | gam        | 31.147322             | b-al 24.443137                | the        | 114.44316             | phi         | 121.14734                    | 2-LEV       | EL THRUST             |
|              |                        |            |                       |                               |            |                       |             |                              |             | 00000                 |
| N            | 3.0000000              | wl         | .1800000              | w2 .1200000                   | <b>w</b> 3 | .0900000              | SF          | .1002112                     | LFr         | .8888855              |
| PRA<br>Si    | 1.1082318<br>3.557552  | PRB<br>SAB | •9531347<br>3•235814  | PRC 1.0447669<br>Sf 3.222235  | L<br>K     | .1697579<br>.0326979  | min<br>z    | .1370600<br>.0366255         | max         | .2120494<br>.1039231  |
| n            | 1385641                | gam        | 31.147322             | b-al 24.443137                | the        | 114.44316             | phi         | 121.14734                    |             | EL THRUST             |
|              |                        |            |                       |                               |            |                       |             |                              |             |                       |
| N            | 3.0000000              | Wl         | .1800000              | w2 .1200000                   | w3         | .0900000              | SF          | .1002112                     | LFr         | .8492508              |
| PRA          | 1.1053877              | PRB        | .9436068              | PRC 1.1209995.                | L.         | .1450520              | min         | .1370600                     | max         | .2120494              |
| Si<br>n      | 3.261081<br>.1385641   | SAB        | 3.046217<br>31.147322 | Sf 3.222235<br>b-al 24.443137 | K<br>the   | .0079920<br>114.44316 | z<br>phi    | .0580215<br>121.14734        | m<br>O_TEVA | .1039231<br>EL THRUST |
| 11           | •1,0,041               | Ram        | 71.141762             | 0=a1 24.44)1)1                | the        | 114.44)10             | DIII        | 151014174                    | <-1m3 4 1   | DP THIODT             |
| N            | 3.0000000              | wl         | .1800000              | w2 .1200000                   | w3         | .1000000              | SF          | .1096468                     | LFr         | .9218893              |
| PRA          | 1.1182015              | PRB        | .9450268              | PRC 1.0219149                 | L          | .1755123              | min         | .1380547                     | max         | .2014971              |
| Si           | 3.623417               | SAB        | 3.345047              | Sf 3.230436                   | K          | .0374576              | Z           | .0225035                     | m<br>O TIME | .1154701              |
| n            | .1385641               | gam        | 31.147322             | b-al 26.632957                | the        | 116.63298             | phi         | 121.14734                    | 2=LEV       | EL THRUST             |
| N            | 3.0000000              | wl         | .1800000              | w2 .1200000                   | w3         | .1000000              | SF          | .1096468                     | LFr         | .8828545              |
| PRA          | 1.1179369              | PRB        | •9386022              | PRC 1.0850882                 | L          | .1522865              | min         | .1380547                     | max         | .2014971              |
| Si           | 3.344708               | SAB        | 3.171864              | Sf 3.230436                   | K          | .0142319              | z           | .0426176                     | m           | .1154701              |
| n            | .1385641               | gam        | 31.147322             | b-al 26.632957                | the        | 116.63298             | ph <b>i</b> | 121.14734                    | 2-LEVI      | EL THRUST             |
| N_           | 3.0000000              | wl         | .1800000              | w2 .1300000                   | w3         | .0200000              | SF          | .0851631                     | LFr         | .8503304<br>.2741288  |
| PRA          | 1.0200000              | PRB        | 1.1355767             | PRC .9685358                  | L          | .2361374              | min         | 1304101                      | max         |                       |
| Si           | 4.348116               | SAB        | 3.087536              | Sf 3.217576                   | K          | .1057273              | Z           | .0329015                     | m           | .0230940              |
| n            | •1501111               | gam        | 33.485349             | b-al 9.928032                 | the        | 99.928055             | phi         | 123.48537                    |             |                       |

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|---------------------|--|--------------------|--|------------------------------|---|---------------------|---|-----------------------|---|---------------------------|--|
| N<br>PRA<br>SJ.     | 3.0000000<br>1.0300000<br>4.348107             | SAB                | .1800000<br>1.1061044<br>3.158234<br>33.485349 | PRC .96                      | 300000<br>580423<br>218643                        | w3<br>L<br>K<br>the | .0300000<br>.2373734<br>.1031285<br>101.94045 | SF<br>min<br>z<br>phi | .0868464<br>.1342449<br>.0251522<br>123.48537 | max                       | .8703289<br>.2664165<br>.0346410               |
| n<br>N<br>PRA<br>Si | .1501111<br>3.000000<br>1.0398004<br>3.261078  | wl<br>PRB 1<br>SAB | .1800000<br>1.0991117<br>2.614068              | w2 .13<br>PRC 1.12<br>Sf 3.2 | 300000<br>202478<br>218643                        | w3<br>L<br>K        | .0300000<br>.1467877<br>.0125428              | SF<br>min<br>z        | .0868464<br>.1342449<br>.1036017              | max<br>m                  | .7596054<br>.2664165<br>.0346410<br>/EL THRUST |
| n                   | •1501111                                       | gam 3              | 33.485349                                      | b-al 11.9                    |   | <b>t</b> he         | 101.94045                                     | phi                   | 123.48537                                     |                           | * -  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348121<br>.1501111 | SAB                | .1800000<br>1.0784515<br>3.229813<br>33.485349 | PRC .96                      | 500000<br>573073<br>220178<br>967897              | w3<br>L<br>K<br>the | .0400000<br>.2384663<br>.1007529<br>103.96792 | SF<br>min<br>z<br>phi | .0891094<br>.1377134<br>.0172095<br>123.48537 | LFr<br>max<br>m           | .8913899<br>.2583380<br>.0461880               |
| N<br>PRA<br>Si      | 3.0000000<br>1.0500000<br>3.478485<br>.1501111 | SAB                | .1800000<br>.0780675<br>2.794995               | PRC 1.06                     | 600000<br>86931<br>20178<br>67897                 | w3<br>L<br>K<br>the | .0400000<br>.1659966<br>.0282832<br>103.96792 | SF<br>min<br>z<br>phi | .0891094<br>.1377134<br>.0799701<br>123.48537 | LFr<br>max<br>m<br>2-LEV  | .7972727<br>.2583380<br>.0461880<br>TEL THRUST |
| N<br>PRA<br>Si      | 3.0000000<br>1.0500000<br>4.348127             | wl<br>PRB 1        | .1800000<br>.0526697<br>3.302242               | w2 .13<br>PRC .96            | 600000<br>62538<br>22305                          | w3<br>L<br>K        | .0500000<br>.2394161<br>.0986101              | SF<br>min<br>z        | .0923338<br>.1408060<br>.0090652              | LFr<br>mex<br>m           | .9137955<br>.2498837<br>.0577350               |
| n                   | .1501111                                       |                    | 3.485349                                       | b-al 16.0                    |   | the                 | 106.01341                                     | phi                   | 123.48537                                     |                           |  |
| N<br>PRA<br>Si      | 3.0000000<br>1.0600000<br>3.623418<br>.1501111 | SAB                | .1800000<br>.0525222<br>2.939887<br>3.485349   | PRC 1.04                     | 00000<br>13690<br>22305<br>13382                  | w3<br>L<br>K<br>the | .0500000<br>.1790238<br>.0382177<br>106.01341 | SF<br>min<br>z<br>phi | .0923338<br>.1408060<br>.0613665<br>123.48537 | IFr<br>max<br>m<br>2-LEV  | .8307505<br>.2498837<br>.0577350<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>4.348119<br>.1501111 | SAB                | .1800000<br>.0288496<br>3.375492<br>3.485349   | PRC .96<br>Sf 3.2            | 00000<br>47714<br>25183<br>79681                  | w3<br>L<br>K<br>the | .0600000<br>.2402268<br>.0967096<br>108.07970 | SF<br>min<br>z<br>phi | .0964089<br>.1435171<br>.0007111<br>123.48537 | LFr<br>max<br>m           | •9373570<br>•2410478<br>•0692820               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>3.726956<br>.1501111 | SAB                | .1800000<br>.0278031<br>3.064911<br>3.485349   | PRC 1.02                     | 00000<br>38268<br>25183<br>79681                  | w3<br>L<br>K<br>the | .0600000<br>.1884632<br>.0449461<br>108.07970 | SF<br>min<br>z<br>phi | .0964089<br>.1435171<br>.0455396<br>123.48537 | LFr<br>max<br>m<br>2-LEV  | .8622227<br>.2410478<br>.0692820<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0725699<br>3.261090<br>.1501111 | PRB 1<br>SAB       | .1800000<br>.0069283<br>2.807747<br>3.485349   | PRC 1.14                     | 00000<br>0 <b>769</b> 0<br>25183<br><b>7</b> 9681 | w3<br>L<br>K<br>the | .0600000<br>.1496411<br>.0061239<br>108.07970 | SF<br>min<br>z<br>phi | .0964089<br>.1435171<br>.0791606<br>123.48537 | LFr<br>max<br>m<br>2-LEV  | .8058729<br>.2410478<br>.0692820<br>EL THRUST  |
| N<br>PRA<br>Si      | 3.0000000<br>1.0800000<br>3.804599<br>.1501111 | PRB 1              | .1800000<br>.0051957<br>3.177830<br>3.485349   | PRC 1.010                    | 28967   | w3<br>L<br>K<br>the | .0700000<br>.1956043<br>.0497835<br>110.17100 | SF<br>min<br>z<br>phi | .1016007<br>.1458209<br>.0313503<br>123.48537 | IFr<br>max<br>m<br>2-LEVI | .8930521<br>.2318045<br>.0808291<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0852240<br>3.381877<br>.1501111 | PRB SAB 2          | .1800000<br>.9902355<br>2.950317<br>3.485349   | PRC 1.105                    | 28967   | w3<br>L<br>K<br>the | .0700000<br>.1603775<br>.0145566<br>110.17100 | SF<br>min<br>z<br>phi | .1016007<br>.1458209<br>.0618576<br>123.48537 | LFr<br>max<br>m<br>2=LEVE | .8392286<br>.2318045<br>.0808291<br>IL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0900000<br>3.864997<br>.1501111 | PRB SAB            | .1800000<br>.9851065<br>3.282945<br>3.485349   | PRC .999                     | 00000<br>99501<br>33889<br>90742                  | w3<br>L<br>K<br>the | .0800000<br>.2011719<br>.0534644<br>112.29076 | SF<br>min<br>z<br>phi | .1080504<br>.1477075<br>.0181625<br>123.48537 | LFr<br>max<br>m<br>2-LEVE | .9239512<br>.2221442<br>.0923761<br>IL THRUST  |
| N<br>PRA<br>Si      | 3.0000000<br>1.0962618<br>3.478485             | PRB 3              | 1800000<br>9738192<br>5.076684                 |                              | 3889  | w3<br>L<br>K        | .0800000<br>.1689625<br>.0212550              | SF<br>min<br>z        | .1080504<br>.1477075<br>.0460567              | LFr<br>max<br>m           | .8722782<br>.2221442<br>.0923761               |
| n                   | .1501111                                       | gam 33             | .485349  | b-al 22.29                   | 0742  | the                 | 112.29076                                     | phi                   | 123.48537                                     | 2-LEVE                    | IL THRUST                                      |

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|----------------------|--|-------------------------|--|-----------------|---|----------------------|---|-----------------------|--|---------------------------|---|
| N<br>PRA<br>Si       | 3.0000000<br>1.1000000<br>3.913301             | wl<br>PRB<br>SAB        | .1800000<br>.9679209<br>3.382821               | PRC .9          | 1300000<br>9896004<br>.240252                       | w3<br>L<br>K         | .0900000<br>.2055969<br>.0564372              | • SF<br>min<br>z      | .1158686<br>.1491597<br>.0055880               | LFr<br>max<br>m           | .9553185<br>.2120494<br>.1039231              |
| n<br>N               | .1501111<br>3.0000000                          | gam<br>wl               | 33.485349                                      |                 | .443137<br>1300000                                  | the w3               | .0900000                                      | phi<br>SF             | 123.48537                                      | L'r                       | .9054928                                      |
| PRA<br>Si<br>n       | 1.1066960<br>3.557550<br>.1501111              | PRB<br>SAB<br>gam       | •9591738<br>3•193190<br>33•485349              | Sf 3.           | 0579 <b>292</b><br>240 <b>252</b><br>4431 <b>37</b> | K<br>the             | .1759510<br>.0267913<br>114.44316             | min<br>z<br>phi       | .1491597<br>.0312621<br>123.48537              | max<br>m<br>2-Lev         | .2120494<br>.1039231<br>EL THRUST             |
| N<br>PRA             | 3.0000000<br>1.0989124                         | wl<br>PRB               | .1800000<br>.9470206                           | PRC 1.1         | 1300000<br>1451107                                  | w3<br>L              | .0900000<br>.1512451                          | SF<br>min             | .1158686<br>.1491597<br>.052 <b>6</b> 580      | IFr<br>max                | .8639708<br>.2120494<br>.1039231              |
| Si<br>n              | 3.261080<br>.1501111                           | SAB<br>gam              | 2.987940<br>33.485349                          |                 | ,240252<br>,443137                                  | K<br>the             | .0020854<br>114.44316                         | z<br>phi              | 123.48537                                      | S-TEA                     | EL THRIST                                     |
| N<br>PRA<br>Si<br>n  | 3.000000<br>1.0200000<br>4.348114<br>.1616581  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.1545948<br>3.047617<br>35.888000 | PRC .9          | 1400000<br>9518837<br>1241744<br>1928032            | w3<br>L<br>K<br>the  | .0200000<br>.2427902<br>.0996880<br>99.928055 | SF<br>min<br>z<br>phi | .1034832<br>.1431022<br>.0271400<br>125.88602  | IFr<br>mex<br>m           | .8704319<br>.2741288<br>.0230940              |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0300000<br>4.348105<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.1241580<br>3.118315<br>35.888000 | PRC .9          | .400000<br>9515519<br>,242811<br>,9404 <b>27</b>    | w3<br>L<br>K<br>the  | .0300000<br>.2440262<br>.0970892<br>101.94045 | SF<br>min<br>z<br>phi | .1051665<br>.1469370<br>.0193906<br>.125.88802 | lfr<br>max<br>m           | .8907423<br>.2664165<br>.0346410              |
| N<br>PRA<br>Si       | 3.0000000<br>1.0387368<br>3.261076             | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.1079771<br>2.570680<br>35.888000 | PRC 1.1         | .400000<br>.385254<br>.242811<br>.940427            | w3<br>L<br>K<br>the  | .0300000<br>.1534405<br>.0065035<br>101.94045 | SF<br>min<br>z<br>phi | .1051665<br>.1469370<br>.0978402<br>125.88802  | IFr<br>max<br>m<br>2-LEV  | .7730980<br>.2664165<br>.0346410<br>EL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0400000<br>4.348119<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0955238<br>3.189894<br>35.888000 | PRC .9<br>Sf 3. | .400000<br>510591<br>244346<br>967897               | w3<br>L<br>K<br>the  | .0400000<br>.2451191<br>.0947136<br>103.96792 | SF<br>min<br>z<br>phi | .1074305<br>.1504055<br>.0114479<br>125.88802  | LFr<br>max<br>m           | .9121294<br>.2583380<br>.0461880              |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0500155<br>3.478482<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0897574<br>2.755129<br>35.888000 | PRC 1.0         | .400000<br>805764<br>244346<br>967897               | w3<br>L<br>K<br>the  | .0400000<br>.1726494<br>.0222439<br>103.96792 | SF<br>min<br>z<br>phi | .1074305<br>.1504055<br>.0742086<br>125.88802  | IFr<br>max<br>m<br>2-LEV  | .8124762<br>.2583380<br>.0461880<br>EL THRUST |
| N<br>PRA'<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348124<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0687194<br>3.262322<br>35.888000 | PRC .9          | 400000<br>5035 <b>65</b><br>246472<br>013382        | w3<br>L<br>K<br>the  | .0500000<br>.2460690<br>.0925708<br>106.01341 | SF<br>min<br>z<br>phi | .1106539<br>.1534982<br>.0033037<br>125.88802  | LFr<br>max<br>m           | .9348784<br>.2498837<br>.0577350              |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0600000<br>3.623439<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0651044<br>2.899980<br>35.888000 | PRC 1.0         | 400000<br>510529<br>246472<br>013382                | w3<br>L<br>K<br>the  | .0500000<br>.1856785<br>.0321803<br>106.01341 | SF<br>min<br>z<br>phi | .1106539<br>.1534982<br>.0556034<br>125.88802  | LFr<br>max<br>m<br>2-LEV  | .8472214<br>.2498837<br>.0577350<br>IL THRUST |
| N<br>PRA<br>S1<br>n  | 3.0000000<br>1.0700000<br>3.726954<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0402141<br>3.024992<br>35.888000 | PRC 1.0         | 400000<br>326416<br>249350<br>079681                | w3<br>L<br>K<br>the  | .0600000<br>.1951161<br>.0389068<br>108.07970 | SF<br>min<br>z<br>phi | .1147289<br>.1562093<br>.0397781<br>125.88802  | LFr<br>max<br>m<br>2-LEVI | .8797140<br>.2410478<br>.0692820<br>EL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0673628<br>3.261088<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0134567<br>2.750847<br>35.888000 | PRC 1.1         | 400000<br>655339<br>249350<br>0 <b>7</b> 9681       | w3<br>L<br>K<br>the  | .0600000<br>.1562939<br>.0000846<br>108.07970 | SF<br>min<br>z<br>phi | .1147289<br>.1562093<br>.0733991<br>125.88802  | LFr<br>max<br>m<br>2-LEVE | .8203983<br>.2410478<br>.0692820<br>IL THRUST |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0800000<br>3.804597<br>.1616581 | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0168217<br>3.137910<br>35.888000 | PRC 1.0         | 400000<br>195691<br>253134<br>170979                | w3<br>L<br>K<br>•the | .0700000<br>.2022572<br>.0437442<br>110.17100 | SF<br>min<br>z<br>phi | .1199207<br>.1585130<br>.0255888<br>125,88802  | IFr<br>max<br>m<br>2-LEVE | .9114199<br>.2318045<br>.0808291<br>IL THRUST |

|          |                        |       |              |   |      |                        |            |                  | 4.0         |                      |
|----------|------------------------|-------|--------------|---|------|------------------------|------------|------------------|-------------|----------------------|
| ,<br>RT  | 7 0000000              | wl    | .1800000     | w2 .1400000                             | w3   | .0700000               | SF         | .1199207         | LFr         | .8549071             |
| N<br>PRA | 3.0000000<br>1.0818999 | PRB   | .9979183     | PRC 1.1244379                           | Ľ    | 1670303                | min        | .1585130         | max         | .2318045             |
| Si       | 3.381875               | SAB   | 2.899156     | Sf 3.253134                             | K    | .0085173               | z          | .0560961         | m           | .0808291             |
|          |                        |       | 35.888000    | b-al 20.170979                          | the  | 110.17100              | phi        | 125.88802        |             | EL THRUST            |
| n        | .1616581               | gam   | 55.000000    | D-a1 20.110917                          | 0110 | 110.11200              | P          |                  |             |                      |
| 37       | 7 0000000              | 7     | 1800000      | w2 .1400000                             | w3   | .0800000               | SF         | .1263714         | LFr         | .94311.05            |
| N        | 3.0000000              | W]    | .1800000     |   | L    | 2078247                | min        | 1603997          | max         | .2221442             |
| PRA      | 1.0900000              | PRB   | •9955772     | PRC 1.0090979                           |      |                        |            | .0124010         | m           | .0923761             |
| Si       | 3.864995               | SAB   | 3.243026     | Sf 3.258057                             | K    | .0474251               | z<br>phi   | 125.88802        |             | EL THRUST            |
| n        | .1616581               | gam   | 35.888000    | b-al 22.290742                          | the  | 112,29076              | bur        | 129.00002        | ا نسر=ے     | TIODI                |
|          |                        |       | 100000       | -0 21,00000                             | 7    | 0900000                | SF         | .1263714         | LFr         | .8889761             |
| N        | 3.0000000              | Wl    | 1800000      | w2 .1400000                             | w3   | .0800000               |            |                  | max         | .2221442             |
| PRA      | 1.0936725              | PRB   | .9814564     | PRC 1.0963938                           | L    | .1756153               | min        | .1603997         |             |                      |
| Si       | 3.478483               | SAB   | 3.027757     | Sf 3.258057                             | K    | .0152157               | z          | .0402952         | m<br>O TEX  | .0923761             |
| n        | .1616581               | gam   | 35.888000    | b-al 22.290742                          | the  | 112.29076              | phi        | 125.88802        | Z=LEV       | EL THRUST            |
|          |                        |       |              |   |      |                        | -          | a al-0=0a        | T.T.        | 907160               |
| N        | 3.0000000              | wl    | .1800000     | w2 .1500000                             | w3   | .0200000               | SF         | .1248722         | LFr         | .8914642             |
| PRA      | 1.0200000              | PRB   | 1.1743328    | PRC .9393066                            | L    | <b>.</b> 2499600       | min        | .1564468         | max         | .2741288             |
| Si       | 4.348103               | SAB   | 3.004588     | Sf 3.275290                             | K    | •0935132               | Z          | .0209308         | m           | .0230940             |
| n        | .1732051               | gem   | 38.366264    | b-al 9.928032                           | the  | 99.928055              | phi        | 128.36628        | •           |                      |
|          |                        |       |              |   |      |                        |            |                  |             |                      |
| N        | 3.0000000              | wl    | .1800000     | w2 .1500000                             | w3   | •0300000               | SF         | .1265555         | LFr         | .9121237             |
| PRA      | 1.0300000              | PRB   | 1.1428867    | PRC •9390977                            | L    | .2511978               | min        | .1602815         | max         | .2664165             |
| Si       | 4.348117               | SAB   | 3.075298     | Sf 3.276357                             | K    | .0909163               | Z          | .0131798         | m           | .0346410             |
| n        | 1732051                | gam   | 38.366264    | b-al 11.940427                          | the  | 101.94045              | phi        | 128.36628        |             |                      |
|          |                        | B.=   | ,00,0000.    |   |      |                        | -          |                  |             |                      |
| N        | 3.0000000              | wJ.   | .1800000     | w2 .1500000                             | w3   | .0300000               | SF         | .1265555         | LFr         | .7875595             |
| PRA      | 1.0362706              | PRB   | 1.1140088    | PRC 1.1672591                           | L    | .1606121               | min        | .1602815         | max         | 2664165              |
| Si       | 3.261089               | SAB   | 2.519621     | Sf 3.276357                             | ĸ    | .0003306               | Z          | .0916293         | m           | .0346410             |
| n        | .1732051               | gem   | 38.366264    | b-al 11.940427                          | the  | 101.94045              | phi        | 128.36628        |             | EL THRUST            |
| ••       | • 1 / 20/1             | Perm  | JO . JOOLO 4 | D-01 1• / 10 12                         | •    | 2020,101,              | Fran       |                  |             |                      |
| B.T      | 7 0000000              | ••1   | .1800000     | w2 .1500000                             | w3   | .0400000               | SF         | .1288195         | LFr         | .9338780             |
| N<br>PRA | 3.0000000              | wl    |              | PRC .9387890                            | L    | •2522907               | min        | .1637500         | max         | .2583380             |
|          | 1.0400000              | PRB   | 1.1132453    |   |      |                        |            |                  |             | .0461880             |
| Si       | 4.348132               | SAB   | 3.146877     | Sf 3.277892                             | K    | .0885407               | Z          | .0052371         | m           | •0401000             |
| n        | .1732051               | gam   | 38.366264    | b-al 13.967897                          | the  | 103.96792              | phi        | 128.36628        |             |                      |
| _        |                        |       | .0           | 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | ~    | •                      | m          | 2000105          | T 177       | .8286886             |
| N        | 3.0000000              | wl    | .1800000     | w2 .1500000                             | w3   | .0400000               | SF         | .1288195         | LFr         |                      |
| PRA      | 1.0496210              | PRB   | 1.1000085    | PRC 1.0992863                           | L    | .1798210               | min        | .1637500         | max         | .2583380             |
| Si       | 3.478495               | SAB   | 2.710740     | sf 3.277892                             | K    | .0160710               | Z.         | .0679977         | m           | .0461880             |
| n        | •1732051               | . gam | 38.366264    | b-al 13.967897                          | the  | 103.96792              | phi        | 128.36628        | 2-LEV       | EL THRUST            |
|          |                        |       | - 0          |   |      | + #                    | G <b>T</b> | 7700100          | 7 77        | 061.7701             |
| N        | 3.0000000              | wl .  | 1800000      | w2 .1500000                             | w3   | .0500000               | SF         | 1320429          | LFr.        | .8647394             |
| PRA      | 1.0599984              | PRB   | 1.0763632    | PRC 1.0666344                           | L    | ·1958 <del>1</del> 85. | min        | .1668427         | max         | .2498837             |
| Si       | 3.623429               | SAB   | 2.856945     | Sf 3.280018                             | K    | •0260055               | Z          | .0493942         | m           | .0577350             |
| n        | .1732051               | gan   | 38.366264    | b-al 16.013382                          | the  | 106.01341              | phi        | 128.36628        | S-TEA       | EL THRUST            |
|          |                        |       |              |   |      |                        |            | (0-              |             | 0000000              |
| N        | 3.0000000              | wl    | .1800000     | w2 .1500000                             | w3   | .0600000               | SF         | .1361180         | $	ext{LFr}$ | 8982964              |
| PRA      | 1.0700061              | PRB   | 1.0515429    | PRC 1.0469427                           | L    | .2022877               | min        | .1695538         | max         | .2410478             |
| Si       | · 3.726967             | SAB   | 2.981998     | Sf 3.282896                             | K    | .0327339               | Z          | .0335673         | m           | .0692820             |
| n        | .1732051               | gam   | 38.366264    | b-al 18.079681                          | the  | 108.07970              | phi        | 128.36628        | 2-TEA       | EL THRUST            |
|          |                        |       |              |   |      |                        |            |                  |             |                      |
| N        | 3.0000000              | wl    | .1800000     | w2 .1500000                             | w3   | .0700000               | SF         | .1413097         | LFr         | •9309197             |
| PRA      | 1.0800054              | PRB   | 1.0276791    | PRC 1.0333593                           | L    | .2094288               | min        | <b>.</b> 1718575 | max         | .2318045             |
| Si       | 3.804610               | SAB   | 3.094914     | Sf 3.286680                             | K    | .0375713               | ·z         | .0193780         | m           | .0808291             |
| n        | .1732051               | gam   | 38.366264    | b-al 20.170979                          | the  | 110.17100              | phi        | 128.36628        | 2-LEV       | EL THRUST            |
|          |                        | 0     |              |   |      |                        | -          |                  |             |                      |
| N        | 3.0000000              | wl    | .1800000     | w2 .1500000                             | w3   | .0700000               | SF         | .1413097         | LFr         | .8717117             |
| PRA      | 1.0768877              | PRB   | 1.0042541    | PRC 1.1527140                           | L    | .1742001               | min        | .1718575         | max         | .2318045             |
| Si       | 3.381865               | SAB   | 2.839176     | Sf 3.286680                             | K    | .0023425               | Z          | .0498869         | m           | .0808291             |
| n        | .1732051               | gam   | 38.366264    | b-al 20.170979                          | the  | 110.17100              | phi        | 128.36628        | 2-LEV       | EL THRUST            |
|          |                        |       |              |   |      |                        |            |                  |             |                      |
| N        | 3.00000000             | wl    | .1800000     | w2 .1600000                             | w3   | .0200000               | SF         | .1498490         | LFr         | .9136114             |
| PRA      | 1.0200000              | PRB   | 1.1948905    | PRC .9406390                            | L    | 2577133                | min        | <b>.</b> 1705081 | max         | .9136114<br>.2741288 |
| Si       | 4.348124               | SAB   | 2.958089     | Sf 3.324775                             | K    | .0872053               | Z          | .0142162         | m           | .0230940             |
| n        | .1847521               | gam   | 40.932521    | b-al 9.928032                           | the  | 99.928055              | phi        | 130.93254        | 2-LEV       | EL THRUST            |
|          |                        | J     | //-/         | , , , , , , , , ,                       |      | .,-,,,                 |            |                  |             |                      |

•

| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348115<br>.1847521 | wl .1800000<br>PRB 1.1622854<br>SAB 3.028787<br>gam 40.932521.  | w2 .1600000<br>PRC .9447570<br>Sf 3.325842<br>b-al 11.940427   | w3 .0300000<br>L .2589493<br>K .0846065<br>the 101.94045  | SF .1515322<br>min .1743428<br>z .0064668<br>phi 130.93254  | iFr .9346638<br>max .2664165<br>m .0346410<br>2-LEVEL THRUST |
|---------------------|--|---|--|---|---|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0484306<br>3.478493<br>.1847521 | wl .1800000<br>PRB 1.1084754<br>SAB 2.660088<br>gem 40.932521   | w2 .1600000<br>PRC 1.1284441<br>Sf 3.327377<br>b-al 13.967897  | w3 .0400000<br>L .1875725<br>K .0097612<br>the 103.96792  | SF .1537962<br>min .1778113<br>z .0612848<br>phi 130.93254  | LFr .8461037<br>max .2583380<br>m .0461880<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.000000<br>1.0594649<br>3.623427<br>.1847521  | wl .1800000<br>PRB 1.0865093<br>SAB 2.808501<br>gam 40.932521   | w2 .1600000<br>PRC 1.0911174<br>Sf 3.329503<br>b-al 16.013382  | w3 .0500000<br>L .2005997<br>K .0196957<br>the 106.01341  | SF .1570196<br>min .1809040<br>z .0426812<br>phi 130.93254  | LFr .8835039<br>max .2498837<br>m .0577350<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0696438<br>3.726965<br>.1847521 | wl .1800000<br>PRB · 1.0620237<br>SAB 2.934136<br>gam 40.932521 | w2 .1600000<br>PRC 1.0694002<br>.Sf 3.332381<br>b-al 18.079681 | w3 .0600000<br>L .2100391<br>K .0264240<br>the 108.07970  | SF .1610947<br>min .1836151<br>z .0268543<br>phi 130.93254  | LFr .9181662<br>max .2410478<br>m .0692820<br>2-LEVEL THRUST |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0200000<br>4.348114<br>.0461880 | w1 .2000000<br>PRB .9906271<br>SAB 3.282439<br>gam 15.026039    | w2 .0400000<br>PRC 1.308125<br>Sf 3.144195<br>b-al 10.671771   | w3 .0200000<br>L .2036533<br>K .1644414<br>the 100.67179  | SF .0091496<br>min .0392120<br>z .0434265<br>phi 105.02606  | IFr .7473231<br>max .2537979<br>m .0230940                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>2.898743<br>.0461880 | w1 .2000000<br>PRB .9879714<br>SAB 2.557754<br>gam 15.026039    | w2 .0400000<br>PRC 1.308125<br>Sf 3.144195<br>b-al 10.671771   | w3 .0200000<br>L .0828724<br>K .0436604<br>the 100.67179  | SF .0091496<br>min .0392120<br>z .1480259<br>phi 105.02606  | LFr .6919613<br>max .2537979<br>m .0230940                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348126<br>.0577350 | wl .2000000<br>PRB 1.0037731<br>SAB 3.259849<br>gam 17.235267   | w2 .0500000<br>PRC 1.264093<br>Sf 3.145207<br>b-al 10.671771   | w3 .0200000<br>L .2074204<br>K .1595401<br>the 100.67179  | SF .0124970<br>min .0478803<br>z .0401641<br>phi 107.23529  | IFr .7646256<br>max .2537979<br>m .0230940                   |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0300000<br>2.898732<br>.0577350 | wl .2000000<br>PRB 1.0048517<br>SAB 2.535152<br>gam 17.235267   | w2 .0500000<br>PRC 1.264093<br>Sf 3.145207<br>b-al 10.671771   | w3 .0200000<br>L .0866375<br>K .0387572<br>the 100.67179  | SF .0124970<br>min .0478803<br>z .1447652<br>phi 107.23529  | IFr .7000351<br>max .2537979<br>m .0230940                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348120<br>.0577350 | wl .2000000<br>PRB .9843593<br>SAB 3.330904<br>gam 17.235267    | w2 .0500000<br>PRC 1.253359<br>Sf 3.145717<br>b-al 12.839472   | w3 .0300000<br>L .2085972<br>K .1570301<br>the 102.83949  | SF .0142708<br>min .0515671<br>z .0323378<br>phi 107.23529  | IFr .7841082<br>max .2459377<br>m .0346410                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261091<br>.0577350 | wl .2000000<br>PRB .9813095<br>SAB 2.787389<br>gam 17.235267    | w2 .0500000<br>PRC 1.253359<br>Sf 3.145717<br>b-al 12.839472   | w3 .0300000<br>L .1180115<br>K .06644444<br>the 102.83949 | SF .0142708<br>min .0515671<br>z .1107873<br>phi 107.23529  | IFr .7287464<br>max .2459377<br>m .0346410                   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0497052<br>2.608869<br>.0577350 | wl .2000000<br>PRB .9759413<br>SAB 2.460509<br>gam .17.235267   | w2 .0500000<br>PRC 1.309999<br>Sf 3.145717<br>b-al 12.839472   | w3 .0300000<br>L .0636597<br>K .0120926<br>the 102.83949  | SF .0142708<br>min .0515671<br>z .1578574<br>phi 107.23529  | LFr .6955290<br>max .2459377<br>m .0346410<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348105<br>.0692820 | vl .2000000<br>PRB 1.0183783<br>SAB 3.235612<br>gam 19.470873   | w2 .0600000<br>PRC 1.2215016<br>Sf 3.146578<br>b-al 10.671771  | w3 .0200000<br>L .2114563<br>K .1544887<br>the 100.67179  | SF .0168400<br>min .0569677<br>z .0366689<br>phi 109.47089  | IFr .7821083<br>max .2537979<br>m .0230940                   |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0300000<br>2.898734<br>.0692820 | wl .2000000<br>PRB 1.0236399<br>SAB 2.510927<br>gam 19.470873   | w2 .0600000<br>PRC 1.2242139<br>Sf 3.146578<br>b-al 10.671771  | w3 .02000000<br>L .0906754<br>K .0337077<br>the 100.67179 | \$F .0168400<br>min .0569677<br>z .1412683<br>phi 109.47089 | LFr .7082920<br>max .2537979<br>m .0230940<br>2-LEVEL THRUST |
|                     |  | •   |  |   |   |  |

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| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348121<br>.0692820  | wl .2000000<br>PRB .9963826<br>SAB 3.306678<br>gam 19.470873  | w2 .0600000<br>PRC 1.2147733<br>Sf 3.147088<br>b-al 12.839472  | L *.   | .0300000<br>.2126350<br>.1519806<br>02.83949  | SF<br>min<br>z<br>phi | .0186138<br>.0606544<br>.0288409<br>109.47089          | IFr<br>max<br>m          | .8017092<br>.2459377<br>.0346410               |
|---------------------|---|---|--|--------|---|-----------------------|--|--------------------------|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261093<br>.0692820  | PRB .9956711<br>SAB 2.763164<br>gam 19.470873                 | w20600000<br>PRC 1.2147733<br>Sf 3.147088<br>b-al 12.839472    | K .    | .0300000<br>.1220493<br>.0613949<br>02.83949  | SF<br>min<br>z<br>phi | .0186138<br>.0606544<br>.1072905<br>109.47089          | LFr<br>max<br>m          | .7394276<br>.2459377<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0485997<br>2.608871<br>.0692820  | vl .2000000<br>PRB .9874486<br>SAB 2.433400<br>gam 19.470873  | w2 .0600000<br>PRC 1.309728<br>Sf 3.147088<br>b-al 12.839472   | K .    | .0300000<br>.0676975<br>.0070431<br>.02.83949 | SF<br>min<br>z<br>phi | .0186138<br>.0606544<br>.1543605<br>109.47089          | LFr<br>max<br>m<br>2-LEV | .7020578<br>.2459377<br>.0346410<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348113<br>.0692820  | vl .2000000<br>PRB .9786266<br>SAB .3.378658<br>gam 19.470873 | w2 .0600000<br>PRC 1.2032918<br>Sf 3.147821<br>b-al 15.026038  | K .    | .0400000<br>.2136574<br>.1497138<br>05.02606  | SF<br>min<br>z<br>phi | .0210161<br>.0639436<br>.0208040<br>109.47089          | LFr<br>max<br>m          | .8222847<br>.2376798<br>.0461880               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478499<br>.0692820  | wl .2000000<br>PRB .9754698<br>SAB 2.943851<br>gam 19.470873  | w2 .0600000<br>PRC 1.2032918<br>Sf 3.147821<br>b-al 15.026038  | L<br>K | .0400000<br>.1411896<br>.0772460<br>05.02606  | SF<br>min<br>z<br>phi | .0210161<br>.0639436<br>.0835630<br>109.47089          | LFr<br>max<br>m          | .7669239<br>.2376798<br>.0461880               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>2.898742<br>.0692820  | wl .2000000<br>PRB .9726044<br>SAB 2.653972<br>gam 19.470873  | w2 .0600000<br>PRC 1.2194878<br>Sf 3.147821<br>b-al 15.026038  | L<br>K | .0400000<br>.0928764<br>.0289329<br>05.02606  | SF<br>min<br>z<br>phi | .0210161<br>.0639436<br>.1254034<br>109.47089          | LFr<br>max<br>m<br>2-LEV | .7300148<br>.2376798<br>.0461880<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348098<br>.0808290  | wl .2000000<br>PRB 1.0338696<br>SAB 3.209592<br>gam 21.738146 | w2 .0700000<br>PRC 1.1813513<br>Sf 3.148362<br>b-al 10.671771  | L<br>K | 0200000<br>2157917<br>1492893<br>00.67179     | SF<br>min<br>z<br>phi | .0223417<br>.0665024<br>.0329143<br>111.73817          | LFr<br>max<br>m          | •7998371<br>•2537979<br>•0230940               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>3.0300000<br>•2.898727<br>•0808290 | wl .2000000<br>PRB 1.0426831<br>SAB 2.484907<br>gam 21.738146 | w2 .0700000<br>PRC 1.2151287<br>Sf 3.148362<br>b-al 10.671771  | K .    | 0200000<br>0950108<br>0285083                 | SF<br>min<br>z<br>phi | .0223417<br>.0665024<br>.1375137<br>111.73817.         | LFr<br>max<br>m<br>2-LEV | .7167950<br>.2537979<br>.0230940<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348114<br>.0808290  | wl .2000000<br>PRB 1.0101324<br>SAB 3.280658<br>gam 21.738146 | w2 .0700000<br>PRC 1.1768410<br>Sf 3.148872<br>b-al 12.839472  | K .    | 0300000<br>2169705<br>1467813<br>2.83949      | SF<br>min<br>z<br>phi | .0241156<br>.0701892<br>.0250864<br>111.73817          | LFr<br>max<br>m          | .8195782<br>.2459377<br>.0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.040000<br>3.261086<br>.0808290   | wl .2000000<br>PRB 1.0121443<br>SAB 2.737144<br>gam 21.738146 | w2 .0700000<br>PRC 1.1768410<br>Sf 3.148872<br>b-al 12.839472  | K .    | 0300000<br>1263847<br>0561956<br>2.83949      | SF<br>min<br>z<br>phi | .0241156<br>.0701892<br>.1035359<br>111.73817          | LFr<br>max<br>m          | •7503758<br>•2459377<br>•0346410               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.04631.83<br>2.608864<br>.0808290 | wl .2000000<br>PRB .9987033<br>SAB 2.401428<br>gam 21.738146  | w2 .0700000<br>PRC 1.312953<br>Sf 3.148872<br>b-al 12.839472   | L<br>K | 0300000<br>0720329<br>0018437<br>2.83949      | SF<br>min<br>z<br>phi | .0241156<br>.0701892<br>.1506059<br>111.73817          | LFr<br>max<br>m<br>2-LEV | •7088547<br>•2459377<br>•0346410<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.348128<br>.0808290  | wl .2000000<br>PRB .9895543<br>SAB 3.352650<br>gam 21.738146  | •w2 .0700000<br>PRC 1.1695448<br>Sf 3.149605<br>b-al 15.026038 | K .    | 0400000<br>2179947<br>1445164<br>5.02606      | SF<br>min<br>z<br>phi | .0265179<br>.0734783<br>.0170478<br>111. <b>7</b> 3817 | IFr<br>max<br>m          | .8403139<br>.2376798<br>.0461880               |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478492<br>.0808290  | wl .2000000<br>PRB .9879976<br>SAB 2.917832<br>gam 21.738146  | w2 .0700000<br>PRC 1.1695448<br>Sf 3.149605<br>b-al 15.026038  | K .    | 0400000<br>1455250<br>0720467<br>5.02606      | SF<br>min<br>z<br>phi | .0265179<br>.0734783<br>.0798084<br>111. <b>7</b> 3817 | LFr<br>max<br>m          | •7794142<br>•2376798<br>•0461880               |

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| N<br>PRA  | 3.0000000<br>1.0600000 | wl<br>PRB  | .2000000<br>.9844914          | w2 .0700000<br>PRC 1.2173814  | w3<br>L    | .0400000<br>.09 <b>7</b> 2118 | SF<br>min | .0265179<br>.0734783          | LFr        | •7388153<br>•2376798   |
|-----------|------------------------|------------|-------------------------------|-------------------------------|------------|-------------------------------|-----------|-------------------------------|------------|------------------------|
| Si        | 2.898734<br>.0808290   | SAB<br>gam | 2.627953<br>21.738146         | Sf 3.149605<br>b-al 15.026038 | K<br>the   | 105.02606                     | z<br>phi  | .1216488                      | m<br>2-LE  | .0461880<br>VEL THRUST |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0700000                   | w3         | .0500000                      | SF        | .0299139                      | IFr        | .8623104               |
| PRA<br>Si | 1.0500000              | PRB<br>SAB | •9 <b>7</b> 33504<br>3•425536 | PRC 1.1575964<br>Sf 3.150618  | L<br>K     | .21.88645<br>.1425075         | min<br>z  | .0763570                      | max        | .2290114<br>.0577350   |
| n         | 0808290                | gam        | 21.738146                     | b-al 17.235267                | the        | 107.23529                     | phi       | 111.73817                     |            |                        |
| N.        | 3.0000000              | wl         | .2000000                      | w2 .0700000                   | w.3        | .0500000                      | SF<br>min | .02991.39                     | LFr        | .8069487<br>.2290114   |
| PRA<br>Si | 1.0600000<br>3.623426  | PRB        | .9701980<br>3.063194          | PRC 1.1575964<br>Sf 3.150618  | K          | .1584740<br>.08211 <b>7</b> 0 | Z         | .0763570<br>.0610872          | m          | .0577350               |
| n         | .0808290               | gam        | 21.738146                     | b-al 17.235267                | the        | 107.23529                     | • phi     | 111.73817                     |            |                        |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0700000                   | <b>w</b> 3 | .0500000                      | SF        | .0299139                      | LFr        | .7674036               |
| PRA<br>Si | 1.0700000<br>3.105786  | PRB        | .9675101<br>2.804374          | PRC 1.1611927<br>Sf 3.150618  | K          | •1153374<br>•0389804          | min<br>z  | •0763570<br>•0984446          | max<br>m   | •2290114<br>•0577350   |
| n         | .0808290               | gam        | 21.738146                     | b-al 17.235267                | the        | 107.23529                     | phi       | 111.73817                     |            | VEL THRUST             |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0700000                   | w3         | .0500000                      | SF        | .0299139                      | LFr        | -7377472               |
| PRA<br>Si | 1.0742422<br>2.717580  | PRB        | .9585206<br>2.594624          | PRC 1.266835<br>Sf 3.150618   | L<br>K     | .0829868<br>.0066299          | min<br>z  | .0763570                      | max<br>m   | .2290114<br>.0577350   |
| n         | .0808290               | gam        | 21.738146                     | b-al 17.235267                | the        | 107.23529                     | phi       | 111.73817                     |            | VEL THRUST             |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0800000                   | <b>w</b> 3 | .0200000                      | SF        | .0291720                      | LFr        | .8178749               |
| PRA<br>Si | 1.0200000              | PRB<br>SAB | 1.0500152<br>3.181681         | PRC 1.1439282<br>Sf 3.150681  | L<br>K     | •2204456<br>•1439461          | min<br>z  | .0764995<br>.0288839          | mex<br>m   | •2537979<br>•0230940   |
| n         | .0923761               | gem        | 24.041817                     | b-al 10.671771                | the        | 100.67179                     | phi       | 114.04184                     | -          | ,,,,,                  |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0800000                   | w3         | .0200000                      | SF        | .0291720                      | LFr        | .7256050               |
| PRA<br>Si | 1.0300000<br>2.898738  | PRB        | 1:0604155<br>2:456995         | PRC 1.2092724<br>Sf 3.150681  | L<br>K     | .0996647<br>.0231652          | min<br>z  | .0764995<br>.1334833          | max<br>m   | •2537979<br>•0230940   |
| n         | .0923761               | gem        | 24.041817                     | b-al 10.671771                | the        | 100.67179                     | phi       | 114.04184                     |            | VEL THRUST             |
| N         | 3.0000000              | wl.        | .2000000                      | w2 .0800000                   | <b>w</b> 3 | .0300000                      | SF        | .0309467                      | LFr        | .8377791               |
| PRA<br>Si | 1.0300000<br>4.348126  | PRB<br>SAB | 1.0249258<br>3.252747         | PRC 1.1407755<br>Sf 3.151.191 | K          | .2216244<br>.1414381          | min<br>z  | .0801863                      | max<br>m   | .2459377<br>.0346410   |
| n         | .0923761               | gam        | 24.041817                     | b-al 12.839472                | the        | 102.83949                     | phi       | 114.04184                     |            |                        |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0800000                   | w3         | .0300000                      | SF        | .0309467                      | LFr        |                        |
| PRA<br>Si | 1.0400000<br>3.261075  | PRB<br>SAB | 1.0299264<br>2.709221         | PRC 1.1407755<br>Sf 3.151191  | L<br>K     | .1310368<br>.0508505          | min<br>z  | .0801863<br>.0995071          | max<br>m   | .2459377<br>.0346410   |
| n         | .0923761               | gam        | 24.041817                     | b-al 12.839472                | the        | 102.83949                     | phi       | 114.04184                     |            | 10710110               |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0800000                   | w3         | .0400000                      | SF        | .0333490                      | LFr        | .8586950               |
| PRA<br>Si | 1.0400000<br>4.348118  | PRB<br>SAB | 1.0024501<br>3.324727         | PRC 1.1358396<br>Sf 3.151925  | L<br>K     | .2226467<br>.1391713          | min<br>z  | .0834754<br>.0130190          | max        | .0461880               |
| n         | .0923761               | gam        | 24.041817                     | b-al 15.026038                | the        | 105.02606                     | phi       | 114.04184                     |            | .0401000               |
| N         | 3.0000000              | wl         | .2000000                      | w2 .0800000                   | w3         | .0400000                      | SF        | .0333490                      | LFr        | •7922621               |
| PRA<br>Si | 1.0500000<br>3.478504  | PRB        | 1.0028188<br>2.889920         | PRC 1.1358396<br>Sf 3.151925  | L<br>K     | .1501 <b>7</b> 89<br>.0667035 | min<br>z  | .0834754<br>.0 <b>7</b> 57780 | max        | .2376798<br>.0461880   |
| n         | .0923761               | gem        | 24.041817                     | b-al 15.026038                | the        | 105.02606                     | phi       | 114.04184                     |            |                        |
| N         | 3.0000000              | W]         | .2000000                      | w2 .0800000                   | w3         | .0400000                      | SF        | .0333490                      |            | • .7479715             |
| PRA<br>Si | 1.0598257<br>2.898746  | PRB<br>SAB | .9968785<br>2.599536          | PRC 1.2162919<br>Sf 3.151925  | L<br>K     | •1018658<br>•0183904          | min<br>z  | .0834754<br>.11 <b>7</b> 6184 | max        | .2376798<br>.0461880   |
| n         | .0923761               | gam        | 24.041817                     | b-al 15.026038                | the        | 105.02606                     | phi       | 114.04184                     | 2-LEV      | EL THRUST              |
| N<br>PRA  | 3.0000000<br>1.0500000 | wl<br>PRB  | ·2000000                      | w2 .0800000                   | <b>w</b> 3 | .0500000                      | SF<br>min | .0367451<br>.0863541          | LFr<br>max | .8808947<br>.2290114   |
| S1        | 4.348123               | SAB        | .9832116<br>3.397625          | PRC 1.1281738<br>Sf 3.152937  | L<br>K     | .2235184<br>.1371643          | min<br>Z  | .0047571                      | m          | .0577350               |
| n .       | .0923761               | gam        | 24.041817                     | b-al 17.235267                | the        | 107.23529                     | phi       | 114.04184                     |            |                        |

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|                     |   |                         |  |                         |   |                       |   |                       |  | 9                         |  |
|---------------------|---|-------------------------|--|-------------------------|---|-----------------------|---|-----------------------|--|---------------------------|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623438<br>.0923761  | wl<br>PRB<br>SAB<br>gam | .2000000°<br>.9812075<br>3.035282<br>24.041817 | Sf                      | .0800000<br>1.1281738<br>3.152937<br>17.235267  | w3°<br>L<br>K<br>the  | .0500000<br>.1631279<br>.0767739<br>107.23529   | SF min z phi          | .0367451<br>.0863541<br>.0570568<br>114.04184  | LFr<br>mex<br>m           | .8209190<br>.2290114<br>.0577350                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>3.105799<br>.0923761  | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9785023<br>2.776462<br>24.041817  | Sf                      | .0800000<br>1.1605443<br>3.152937<br>17.235267  | w3<br>L<br>K<br>the   | .0500000<br>.1199913<br>.0336373<br>107.23529   | SF<br>min<br>z<br>phi | .0367451<br>.0863541<br>.0944142<br>114.04184  | LFr<br>mex<br>m<br>2-LE   | .7780790<br>.2290114<br>.0577350<br>/EL THRUST         |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700959<br>2.717569<br>.0923761  | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9648436<br>2.555432<br>24.041817  | w2<br>PRC<br>Sf<br>b-al | .0800000<br>1.278775<br>3.152937<br>17.235267   | w3<br>L<br>K<br>the   | .0500000<br>.0876389<br>.0012848<br>107.23529   | SF<br>min<br>z<br>phi | .0367451<br>.0863541<br>.1224322<br>114.04184  | LFr<br>max<br>m<br>2-LEV  | .7459488<br>.2290114<br>.0577350<br>/EL THRUST         |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>3.726950<br>.0923761  | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9653669<br>3.160817<br>24.041817  | Sf                      | .0800000<br>1.1159797<br>3.154308<br>19.470873  | w3<br>L<br>K<br>the   | .0600000<br>.1724777<br>.0836641<br>109.47089   | SF<br>min<br>z<br>phi | .0410633<br>.0888137<br>.0410897<br>114.04184  | LFr<br>max<br>m           | .8488484<br>.2199240<br>.0692820                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>3.261083<br>.0923761  | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9626610<br>2.927884<br>24.041817  | Sf                      | .0800000<br>1.1191205<br>3.154308<br>19.470873  | w3<br>L<br>K<br>the   | .0600000<br>.1336556<br>.0448419<br>109.47089   | SF<br>min<br>z<br>phi | .0410633<br>.0888137<br>.0747107<br>114.04184  | LFr<br>max<br>.m<br>2=LEV | .8073273<br>.2199240<br>.0692820<br>/EL THRUST         |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0865170<br>2.898741.<br>.0923761 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9553197<br>2.736615<br>24.041817  | Sf                      | .0800000<br>1.2065397<br>3.154308<br>19.470873  | w3<br>L<br>K<br>the   | .0600000<br>.1034603<br>.0146466<br>109.47089   | SF<br>min<br>z<br>phi | .0410633<br>.0888137<br>.1008606<br>114.04184  | LFr<br>max<br>m<br>2-LEV  | •7750330<br>•2199240<br>•0692820<br>EL THRUST          |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348112<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0667244<br>3.151710<br>26.387580 | Sf                      | .0900000<br>1.1092587<br>3.153652<br>10.671.771 | w3<br>L<br>K<br>the   | .0200000<br>.2254410<br>.1384582<br>100.67179   | SF<br>min<br>z<br>phi | .0375252<br>.0869828<br>.0245578<br>116.38760  | LFr<br>max<br>m           | .8362847<br>.2537979<br>.0230940                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>2.898740<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0763904<br>2.427025<br>26.387580 | Sf                      | .0900000<br>1.2071738<br>3.153652<br>10.671771  | w3<br>L<br>K<br>the   | .0200000<br>.1046600<br>.0176773<br>100.67179   | SF<br>min<br>z<br>phi | .0375252<br>.0869828<br>.1291572<br>116.38760  | LFr.<br>max<br>m<br>2-LEV | .7347880<br>.25379 <b>7</b> 9<br>.0230940<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>4.348128<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0404768<br>3.222776<br>26.387580 | Sf                      | .0900000<br>1.1069984<br>3.154162<br>12.839472  | w3<br>L<br>K .<br>the | .0300000<br>.2266197<br>.1359502<br>102.83949   | SF<br>min<br>z<br>phi | .0392990<br>.0906696<br>.01.67298<br>116.38760 | LFr<br>max<br>m           | .8563795<br>.2459377<br>.0346410                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261099<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0484695<br>2.679262<br>26.387580 | Sf                      | .0900000<br>1.1228275<br>3.154162<br>2.839472   | w3 .<br>L<br>K<br>the | .0300000<br>.1360340<br>.0453645<br>102.83949   | SF<br>min<br>z<br>phi | .0392990<br>.0906696<br>.0951794<br>116.38760  | LFr<br>max<br>m<br>2-LEV  | •7733374<br>•2459377<br>•0346410<br>EL THRUST          |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>4.3481.19<br>.1039231 | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0165371<br>3.294756<br>26.387580 | Sf                      | .0900000<br>.1035304<br>3.154895<br>5.026038    | w3<br>L<br>K<br>the   | .0400000<br>.2276421<br>.1336834<br>105.02606   | SF<br>min<br>z<br>phi | .0417013<br>.0939587<br>.0086929<br>116.38760  | IFr<br>max<br>m           | .8775044<br>.2376798<br>.0461880                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478483<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0190514<br>2.859938<br>26.387580 | Sf                      | .0900000<br>.1035304<br>3.154895<br>5.026038    | w3<br>L<br>K<br>the   | .0400000<br>.1551724<br>.0612137<br>105.02606   | SF<br>min<br>z<br>phi | .0417013<br>.0939587<br>.0714535<br>116.38760  | IFr<br>max<br>m           | .8055325<br>.2376798<br>.0461880                       |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0589852<br>2.898748<br>.1039231  | wl<br>PRB<br>SAB<br>gam | .2000000<br>1.0088332<br>2.567129<br>26.387580 | PRC 1<br>Sf             | .0900000<br>.2181982<br>3.154895<br>5.026038    | w3<br>L<br>K<br>the   | .0400000 •<br>.1068611<br>.0129024<br>105.02606 | SF<br>min<br>z<br>phi | .0417013<br>.0939587<br>.1132923<br>116.38760  | LFr<br>max<br>m<br>2-LEV  | •7575531<br>•2376798<br>•0461880<br>EL THRUST          |

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|                     |  |   |   | •   |  |  |
|---------------------|--|---|---|---|--|--|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>4.348125<br>.1039231 | wl .2000000<br>PRB .9952649<br>SAB 3.367654<br>gam 26.387580  | w2 .0900000<br>PRC 1.0983110<br>Sf 3.155908<br>b-al 17.235267 | w3 .0500000<br>L .2285137<br>K .1316764<br>the 107.23529  | SF .0450983<br>min .0968373<br>z .0004310<br>phi 116.38760 | LFr .8999329<br>max .2290114<br>m .0577350 |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623439<br>.1039231 | vl .2000000<br>PRB .9946940<br>SAB 3.005312<br>gam 26.387580  | w2 .0900000<br>PRC 1.0983110<br>Sf 3.155908<br>b-al 17.235267 | w3 .0500000.<br>L .1681233<br>K .0712860<br>the 107.23529 | SF .0450983<br>min .0968373<br>z .0527307<br>phi 116.38760 | IFr .8353443<br>max .2290114<br>m .0577350 |
| N                   | 3.0000000                                      | wl2000000   | w2 .0900000   | w3 .0500000   | SF .0450983  | LFr .7892094                               |
| PRA                 | 1.0700447                                      | PRB .9903549  | PRC 1.160201.0  | L .1249867  | min .0968373   | max .2290114                               |
| Si                  | 3.105800                                       | SAB 2.746631  | Sf 3.155908   | K .0281494  | z .0900881   | m .0577350                                 |
| n                   | .1039231                                       | gam 26.387580   | b-al 17.235267  | the 107.23529   | phi 116.38760  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si      | 3.0000000<br>1.0700000<br>3.726951<br>.1039231 | wl .2000000<br>PRB .9750372<br>SAB 3.130847<br>gam 26.387580  | w2 .0900000<br>PRC 1.0904446<br>Sf 3.157279<br>b-al 19.470873 | w3 .0600000<br>L .1774731<br>K .0781761<br>the 109.47089  | SF .0494165<br>min .0992970<br>z .0367636<br>phi 116.38760 | LFr .8641796<br>max .2199240<br>m .0692820 |
| N                   | 3.0000000                                      | wl .2000000   | w2 .0900000   | w3 .0600000   | SF .0494165  | LFr .8196926                               |
| PRA                 | 1.0800000                                      | PRB .9722020  | PRC 1.1206525   | L .1386509  | min .0992970   | max .2199240                               |
| Si                  | 3.261085                                       | SAB 2.897914  | Sf 3.157279   | K .0393540  | z .0703846   | m .0692820                                 |
| n                   | .1039231                                       | gam 26.387580   | b-al 19.470873  | the 109.47089   | phi 116.38760  | 2-LEVEL THRUST                             |
| N                   | 3.0000000                                      | wl .2000000   | w2 .0900000   | w3 .0600000   | SF .0494165  | LFr .7850924                               |
| PRA                 | 1.0837016                                      | PRB .9614162  | PRC 1.2169750   | L .1084557  | min .0992970   | max .2199240.                              |
| Si                  | 2.898742                                       | SAB 2.698484  | Sf 3.157279   | K .0091587  | z .0965345   | m .0692820                                 |
| n                   | .1039231                                       | gam 26.387580   | b-al 19.470873  | the 109.47089   | phi 116.38760  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>3.804603<br>.1039231 | wl2000000<br>PRB .9608914<br>SAB 3.244347<br>gam 26.387580    | w2 .0900000<br>PRC 1.0781870<br>Sf 3.159063<br>b-al 21.738145 | w3 .0700000<br>L .1845188<br>K .0832097<br>the lll.73817  | SF .0549164<br>min .1013092<br>z .0224044<br>phi 116.38760 | LFr .8930101<br>max .2103892<br>m .0808291 |
| N                   | 3.0000000                                      | wl .2000000   | w2 .0900000   | w3 .0700000   | SF .0549164  | LFr .8499498                               |
| PRA                 | 1.0900000                                      | PRB .9581643  | PRC 1.0870500   | L .1492901  | min1013092   | max .21.03892                              |
| Si                  | 3.381859                                       | SAB 3.032974  | Sf 3.159063   | K .0479809  | z .0529134   | m .0808291                                 |
| n                   | .1039231                                       | gam 26.387580   | b-al 21.738145  | the lll.73817   | phi 116.38760  | 2-LEVEL THRUST                             |
| N                   | 3.0000000                                      | wl .2000000   | w2 .0900000   | w3 .0700000   | SF .0549164  | LFr .8155041                               |
| PRA                 | 1.0969285                                      | PRB .9513816  | PRC 1.1632352   | L .1211090  | min .1013092   | max .2103892                               |
| Si                  | 3.043686                                       | SAB 2.854539  | Sf 3.159063   | K .0197999  | z .0773190   | m .080829.1                                |
| n                   | .1039231                                       | gam 26.387580   | b-al 21.738145  | the 111.73817   | phi 116.38760  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348130<br>.1154701 | wl .2000000<br>PRB 1.0839726<br>SAB 3.119513<br>gem 28.782028 | w2 .1000000<br>PRC 1.0772936<br>Sf 3.157446<br>b-al 10.671771 | w3 .0200000<br>L .2308102<br>K .1328286<br>the 100.67179  | sf .0475979<br>min .0979816<br>z .0199080<br>phi 118.78205 | LFr .8551502<br>max .2537979<br>m .0230940 |
| N                   | 3.0000000                                      | wl .2000000   | w2 .1000000   | w3 .0200000   | SF .0475979  | IFr .7444248                               |
| PRA                 | 1.0300000                                      | PRB 1.0901306   | PRC 1.2094426   | L .1100273  | min .0979816   | max .2537979                               |
| Si                  | 2.898735                                       | SAB 2.394816  | Sf 3.157446   | K .0120457  | z .1245090   | m .0230940                                 |
| n                   | .1154701                                       | gam 28.782028   | b-al 10.671771  | the 100.67179   | phi 118.78205  | 2-LEVEL THRUST                             |
| N<br>PRA<br>Si<br>n | 3.000000<br>1.030000<br>4.348123<br>.1154701   | wl .2000000<br>PRB 1.0566678<br>SAB 3.190568<br>gam 28.782028 | w2 .1000000<br>PRC 1.0756462<br>Sf 3.157956<br>b-al 12.839472 | w3 .0300000<br>L .2319870<br>K .1303186<br>the 102.83949  | sr .0493717<br>min .1016684<br>z .0120816<br>phi 118.78205 | IFr .8754625<br>max .2459377<br>m .0346410 |
| N                   | 3.0000000                                      | wl .2000000   | w2 .10000000  | w3 .0300000   | SF .0493717  | LFr .7854967                               |
| PRA                 | 1.0400000                                      | PRB 1.0664100   | PRC 1.1187191   | L .1415994  | min .1016684   | max .2459377                               |
| Si                  | 3.261071                                       | SAB 2.647042  | Sf 3.157956   | K .0397310  | z .0905328   | m .0346410                                 |
| n                   | .1154701                                       | gam 28.782028   | b-al 12.839472  | the 102.83949   | phi 118.78205  | 2-LEVEL THRUST                             |

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| Si 4.348114 SAB 3.262548 Sf 3.158689 K .1280519 z .0040447 n .1154701 gam 28.782028 b-al 15.026038 the 105.02606 phi 118.78205  N 3.0000000 wl .2000000 w2 .1000000 w3 .0400000 SF .0517740 PRA 1.0500000 PRB 1.0363772 PRC 1.0778280 L .1605415 min .1049575 Si 3.478501 SAB 2.827741 Sf 3.158689 K .0555841 z .0668037 n .1154701 gam 28.782028 b-al 15.026038 the 105.02606 phi 118.78205 | LFr .8968239 max .2376798 m .0461880  LFr .8193178 max .2376798 m .0461880 2-LEVEL THRUST  LFr .7676459 max .2376798 m .0461880 2-LEVEL THRUST |
|--|--|
| PRA 1.0500000 PRB 1.0363772 PRC 1.0778280 L .1605415 min .1049575 Si 3.478501 SAB 2.827741 Sf 3.158689 K .0555841 z .0668037 n .1154701 gam 28.782028 b-al 15.026038 the 105.02606 phi 118.78205   | max .2376798<br>m .0461880<br>2-LEVEL THRUST<br>LFr .7676459<br>max .2376798<br>m .0461880<br>2-LEVEL THRUST                                   |
|  | max .2376798<br>m .0461880<br>2-LEVEL THRUST   |
| PRA 1.0571815 PRB 1.0198210 PRC 1.2243778 L .1122284 min .1049575<br>Si 2.898743 SAB 2.529691 Sf 3.158689 K .0072709 z .1086441  | TEM 05070/5  |
| PRA 1.0600000 PRB 1.0097024 PRC 1.0694782 L .1734905 min .1078361  | Max .0577350  .0577350   |
| PRA 1.0697256 PRB 1.0022505 PRC 1.1618529 L .1303539 min .1078361<br>Si 3.105795 SAB 2.713430 Sf 3.159702 K .0225178 z .0854399  | LFr .8008757<br>max .22901.14<br>m .0577350<br>2-LEVEL THRUST  |
| PRA 1.0700000 PRB .9873665 PRC 1.0641069 L .1828423 min .1102958   | LFr .8800812<br>max .2199240<br>m .0692820   |
| PRA 1.0799405 PRB .9830761 PRC 1.1221358 L .1440182 min .1102958 Si 3.261080 SAB 2.865510 Sf 3.161073 K .0337224 z .0657364  | LFr .8326264<br>max .21.99240<br>m .0692820<br>2-LEVEI THRUST .  |
| PRA 1.0794567 PRB .9684090 PRC 1.2299278 L .1138229 min .1102958 si 2.898737 SAB 2.653970 Sf 3.161073 K .0035272 z .0918863 n  | LFr .7957182<br>mex .2199240<br>m .0692820<br>2-LEVEL THRUST   |
| PRA 1.0800000 PRB .9693519 . PRC 1.0561747 L .1898861 min .1123080 r   | IFr .9097042<br>max .2103892<br>m .0808291   |
| PRA 1.0900000 PRB .9660853 PRC 1.0910139 L .1546593 min .1123080 r<br>Si 3.381877 SAB 3.000777 Sf 3.162857 K .0423513 z .0482636 r   | LFr .8639546<br>max .2103892<br>m .0808291<br>2-LEVEL THRUST   |
| PRA 1.0944597 PRB .9565770 PRC 1.1746533 L .1264763 min .1123080 r<br>Si 3.043681 SAB 2.814815 Sf 3.162857 K .0141683 z .0726708 r   | LFr .8273535<br>max .2103892<br>m .0808291<br>2-LEVEL THRUST   |
| PRA 1.0900000 PRB .9567200 PRC 1.0440091 L .1953488 min .1138580 m   | LFr .9397354<br>max .2003922<br>m .0923761   |
| PRA 1.10000000 PRB .9537808 PRC 1.0620649 L .1631394 min .1138580 n<br>Si 3.478485 SAB 3.124627 Sf 3.165176 K .0492814 z .0322619 n  | LFr .8954439<br>max .2003922<br>m .0923761<br>2-LEVEL THRUST   |

|          | , e                |       |                      | 6                  |            |               |       |             |             |                      |
|----------|--------------------|-------|----------------------|--------------------|------------|---------------|-------|-------------|-------------|----------------------|
| 4        | 7 4000000          | 1.0   | 0000000              | 0 1000000          | 7          | .0800000      | SF    | .0718346    | LFr         | .8592081             |
| N        | 3.0000000          | w]    | .2000000             | w2 .1000000        | w3         | .1367874      | min   | .1138580    | max         | .2003922             |
| PRA      | 1.1065218          | PRB   | - 9473490            | PRC 1.1304585      | L          | .0229295      |       | .0550834    | m           | .0923760             |
| Si.      | 3.162262           | SAB   | 2.955516             | Sf 3.1651.76       | K          |               | Z     | 118.78205   |             | VEIL THRUST          |
| n        | .1154701           | gam   | 28.782028            | b-al 24.041817     | the        | 114.04184     | phi   | -110. (O2O) | ا بنابا = ے | EN THROOT            |
|          | W = 270 - Gen      |       | MEGDIN TO            |                    | -          | 000000        | শের   | .0718346    | LFr         | .8290119             |
| N        | 3.0000000          | wl    | .2000000             | w2 .1000000        | w,3        | .0800000      | SF    |             |             | .2003922             |
| PRA      | 1.0989627          | PRB   | .9389549             | PRC 1.2152944      | L          | .1148281      | min   | .1138580    | max         |                      |
| St       | 2.898750           | SAB   | 2.773778             | Sf 3.165176        | K          | .0009702      | Z     | .0741007    | m           | .0923760             |
| n        | .1154701           | gam   | 28.782028            | b-al 24.041817     | the        | 114.04184     | phi   | 118.78205   | 2-LE        | VEL THRUST           |
|          |                    |       | THE OF               |                    | 11=        |               | _     | 0506075     |             | , 001.c6ca           |
| N        | 3.0000000          | wl    | .2000000             | w2 .1100000        | w3         | .0200000      | SF    | .0596237    | LFr         | .8745651             |
| PRA      | 1.0200000          | PRB   | 1.1017704            | PRC 1.0479715      | L          | .2365856      | min   | .1095312    | max         | 2537979              |
| Si       | 4.348125           | SAB   | 3.084856             | sf 3.162284        | K          | .1270545      | Z     | .0149063    | m           | .0230940             |
| n        | .1270171           | gam   | 31.232814            | b-al 10.671771     | the        | 100.67179     | phi   | 121.23283   | •           |                      |
|          | 34.                |       |                      |                    |            |               |       |             |             | m=1.62.00            |
| N        | 3.0000000          | wl.   | .2000000             | w2 .1100000        | w3         | .0200000      | SF    | .0596237    | LFr         | .7546129             |
| PRA      | 1.0296411          | PRB   | 1.1009597            | PRC 1.2175303      | L          | .1158028      | min   | .1095312    | max         | .2537979             |
| Si       | 2.898731           | SAB   | 2.359118             | Sf 3.162284        | K          | .0062716      | Z.    | .1195073    | m           | .0230940             |
| n        | .1270171           | gam   | 31.232814            | b-al 10.671771     | the        | 100.67179     | phi   | 121.23283   | 2-LEV       | EL THRUST            |
|          |                    |       |                      |                    |            |               |       |             |             |                      |
| N        | 3.0000000          | wl    | .2000000             | w2 .1100000        | w3         | .0300000      | SF    | .0613976    | LFr         | .8951244             |
| PRA      | 1.0300000          | PRB   | 1.0734543            | PRC 1.0467592      | L          | .2377625      | min   | .1132179    | max         | .2459377             |
| Si       | 4.348118           | SAB   | 3.155911             | Sf 3.162794        | K          | .1245445      | Z     | .0070799    | m           | .0346410             |
| n        | .1270171           | gam   | 31.232814            | b-al 12.839472     | the        | 102.83949     | phi   | 121.23283   |             | ·                    |
|          |                    | C,    |                      |                    |            |               |       |             |             |                      |
| N        | 3.0000000          | wl.   | .2000000             | w2 .1100000        | w3         | .0300000      | SF    | .0613976    | LFr         | <b>.</b> 7982407     |
| PRA      | 1.0400000          | PRB   | 1.0834444            | PRC 1.1174425      | L          | .1471768      | min   | .1132179    | max         | 2459377              |
| Si       | 3.261090           | SAB   | 2.612396             | Sf 3.162794        | K          | .0339588      | Z     | .0855295    | m           | .0346410             |
| n        | .1270171           | gam   | 31.232814            | b-al 12.839472     | the        | 102.83949     | phi   | 121.23283   | 2-LEV       | EL THRUST            |
| **       | .1210:11           | San   | )                    | 0-01 1210)) 112    | ****       |               | 1     |             |             |                      |
| N        | 3.0000000          | wl ·  | .2000000             | w2 .1100000        | w3         | .0400000      | SF    | .0637999    | LFr         | .8337116             |
| PRA      | 1.0500000          | PRB   | 1.0535818            | PRC 1.0750268      | L          | .1663170      | min   | .1165071    | max         | .2376798             |
| Si       | 3.478496           | SAB   | 2.793084             | Sf 3.163527        | K          | .0498099      | z     | .0618020    | m           | .0461880             |
|          | .1270171           | gam   | 31.232814            | b-al 15.026038     | the        | 105.02606     | phi   | 121.23283   |             | EL THRUST            |
| n        | • 15   OT   T      | Ecuit | 71.272014            | 0-41 17.0200,0     | 0110       | 107.02000     | F     |             |             |                      |
| N.Y      | 3.0000000          | wl    | .2000000             | w2 .1100000        | w3         | .0400000      | SF    | .0637999    | LFr         | .7783489             |
| N<br>PRA | 1.0539095          | PRB   | 1.0286777            | PRC 1.2372851      | L          | .1180039      | min   | .1165071    | max         | .2376798             |
| Si       | 2.898739           | SAB.  | 2.485550             | Sf 3.163527        | K          | .0014968      | z     | .1036424    | m           | .0461880             |
|          |                    |       | 31.232814            | b-al 15.026038     | the        | 105.02606     | phi   | 121.23283   |             | EL THRUST            |
| n        | .1270171           | gam   | 71.272014            | 0-a1 1).020000     | ULIC       | 107.02000     | PILL  | 121.2/20/   |             | 2121002              |
| N        | 3.0000000          | wl    | .2000000             | w2 .1100000        | <b>w</b> 3 | .0500000      | SF    | .0671969    | LFr         | .865911.5            |
| PRA      | 1.0600000          | PRB   | 1.0258612            | PRC 1.0497944      | L          | .1792660      | min   | .1193857    | max         | .2290114             |
| Si       | 3.623430           | SAB   | 2.938446             | Sf 3.164540        | K          | .0598803      | Z     | .0430808    | m           | .0577350             |
|          | .1270171           | gam   | 31.232814            | b-al 17.235267     | the        | 107.23529     | phi   | 121.23283   |             | EL THRUST            |
| n        | •15/01/1           | وصا   | .)1 • 2.,/2017       | 17-dir 17-62)/101  | 0110       | 10  (1)       | F     |             |             |                      |
| N        | 3.0000000          | wl    | .2000000             | w2 .1100000        | w3         | .0500000      | SF    | .0671969    | LFr         | .8131857             |
| PRA      | 1.0688070          | PRB   | 1.0135881            | PRC 1.1667447      | L          | .1361294      | min   | .1193857    | max         | .2290114             |
| Si       | 3.105791           | SAB   | 2.675920             | sf 3.164540        | K          | .0167437      | Z     | .0804382    | m           | .0577350             |
|          | .1270171           | gam   | 31.232814            | b-al 17.235267     | the        | 107.23529     | phi   | 121.23283   |             | EL THRUST.           |
| n        | • TELOTIE          | gan   | J.I. • 22. J.C. J.T. | 0-a± 11.2//201     | O, IC      | 10 ( • 1) (1) | L     |             |             |                      |
| N        | 3.0000000          | wI    | .2000000             | w2 .1100000        | w3         | .0600000      | SF    | .0715151    | IFr         | .8966560             |
| PRA      | 1.0700000          | PRB   | 1.0013265            | PRC 1.0385228      | L          | .18861.77     | min   | .1218453    | max         | .2199240             |
| Si       | 3.726965           | SAB   | 3.063993             | Sf 3.165910        | K          | 0667724       | Z     | .0271121    | m           | .0692820             |
| n        | 1270171            | gam   | 31.232814            | b-al 19.470873     | the        | 109.47089     | phi   | 121.23283   |             |                      |
|          | * ****   V **   ** | 5 cm  | )1 - L)LU14          | U- UL L/•+[((())]) | 0110       | 109.41009     | Treer |             |             |                      |
| N        | 3.0000000          | wl    | .2000000             | w2 .1100000        | w3         | .0600000      | SF    | .0715151    | LFr         | .8462353             |
| PRA      | 1.0797645          | PRB   | .9939092             | PRC 1.1254408      | L          | .1497936      | min   | .1218453    | max         | 2199240              |
| Si       | 3.261076           | SAB   | 2.830279             | Sf 3.165910        | K          | .0279483      | Z     | .0607347    | m           | .0692820             |
| n        | .1270171           | gam   | 31.232814            | b-al 19.470873     | the        | 109.47089     | phi   | 121.23283   |             | EL THRUST            |
|          | , , ,              | (     |                      |                    | •          | , , , , , ,   |       |             |             |                      |
| N        | 3.0000000          | wl    | .2000000             | w2 .1100000        | w3         | .0700000      | SF    | .07701.49   | LFr         | .9271021             |
| PRA      | 1.0800000          | PRB   | 9806323              | PRC 1.0331118      | Ĺ          | 1956616       | min   | .1238575    | max         | .9271021<br>.2103892 |
| Si       | 3.804594           | SAB   | 3.177481             | Sf 3.167694        | K          | .0718040      | Z     | .0127546    | m           | .0808291             |
| n        | .1270171           | gam   | 31.232814            | b-al 21.738145     |            | 111.73817     | phi   | 121.23283   |             |                      |
|          |                    | C)    | ) / / ·              | - L. L             | 0.10       |               | 1     |             |             |                      |

|       |                   |       |                       |        |            |            |           |      |            | e                                 |            |
|-------|-------------------|-------|-----------------------|--------|------------|------------|-----------|------|------------|-----------------------------------|------------|
| M     | 7 0000000         |       | 2000000               | ***    | 1100000    | • • Z      | 0700000   | CTD  | 0770110    | TTO                               | 8786601    |
| N     | 3.0000000         | w.l.  | .2000000              | w2     | .1.7.00000 | w3         | .0700000  | SF   | .0770149   | LFr                               | .8786621   |
| ° PRA | 1.0899442         | PRB   | . 9755133             | PRC    | 1.0948358  | L          | .1.604347 | min  | .1238575   | max                               | .2103892   |
| Si    | 3.381872          | SAB   | 2.965931              | Sf     | 3.167694   | K          | .0365772  | Z    | .0432619   | m                                 | .0808291   |
| n '   | .1270171          | gam   | 31.232814             | b-81   | 21.738145  | the        | 111,73817 | phi  | 121.23283  | 2-I.E                             | VEL THRUST |
| 11    | **** OT   T       | Genu  | ) LOLY COLT           | D-0.1. | 2 1 )0.04) | Olic       | 1.70.1    | P    | 121.27.207 |                                   |            |
| ,     |                   | - 120 |                       |        |            |            |           | ~    | 0550110    |                                   | 0.0000     |
| N,    | 3.0000000         | wl    | .2000000              | w2     | .1100000   | w3         | .0700000  | SF   | .0770149   | LFr                               | .8399077   |
| PRA   | 1.0908999         | PRB   | •9631364              | PRC    | 1.1876318  | L          | .1322518  | min  | .1238575   | max                               | .2103892   |
| Si    | 3.043676          | SAB   | 2.769323              | Sf     | 3.167694   | K          | .0083942  | Z    | .0676691   | m                                 | .0808291   |
|       |                   |       |                       |        |            |            |           |      | 121.23283  |                                   | VEL THRUST |
| n     | .1270171          | gam   | 31.232814             | 0-81   | 21.738145  | the        | 111.73817 | phi  | 121.2)20)  | C=110                             | APT LUVOOL |
|       |                   |       |                       |        |            |            |           |      | 0.06-1     |                                   |            |
| N     | 3.0000000         | wl    | .2000000              | w2     | .1100000   | w3         | .0800000  | SF   | .0838614   | LFr                               | .9111223   |
| PRA   | 1.1000067         | PRB   | .9599811              | PRC    | 1.0686640  | L          | 1689148   | min  | .1254075   | max                               | .2003922   |
| Si    | 3.478480          | SAB   | 3.089991              | Sf     | 3.170014   | ĸ          | .0435073  | z    | .0272602   | m                                 | .0923761   |
| OI    |                   |       |                       |        |            |            |           |      |            |                                   |            |
| n     | .1270171          | gam   | 31.232814             | b-al   | 24.041817  | the        | 114.04184 | phi  | 121.23283  | 5-TE/                             | EL THRUST  |
|       |                   |       |                       |        |            |            |           |      |            |                                   |            |
| N     | 3.0000000         | wl    | .2000000              | w2     | .1100000   | w3         | .0800000  | SF   | .0838614   | LFr                               | .8728724   |
| PRA   |                   |       |                       |        |            | -          |           |      |            |                                   |            |
|       | 1.1040784         | PRB   | •9514003              | PRC    | 1.1437676  | L          | .1425629  | min  | .1254075   | max                               | .2003922   |
| Si    | 3.162257          | SAB   | 2.913131              | Sf     | 3.170014   | K          | .0171554  | Z    | .0500817   | m                                 | .0923761   |
| n     | .1270171          | gam   | 31.232814             | b-al   | 24.041817  | the        | 114.04184 | phi  | 121.23283  | 2-LEV                             | EL THRUST  |
|       |                   | 0     | ,,_,                  |        |            |            |           | ^    |            |                                   |            |
| 37    | 7 0000000         |       |                       |        | 1100000    |            | 2000000   | ~    | 0001000    | T Files                           | Oldrooto   |
| N     | 3.0000000         | wl    | 2000000               | w2     | .1100000   | w3         | .0900000  | SF   | .0921707   | LFr                               | .9440212   |
| PRA   | 1.1100037         | PRB   | .9494016              | PRC    | 1.0424735  | L          | .1757889  | min  | .1264715   | max                               | .1899092   |
| Si    | 3.557543          | SAB   | 3.205922              | Sf     | 3.172984   | K          | .0493174  | Z    | .0122285   | m                                 | .1039231   |
|       | .1270171          |       | 31.232814             |        | 26.387580  |            | 116.38760 |      | 121.23283  |                                   | EL THRUST  |
| n     | .1510111          | gem   | 71.272014             | 0-81   | 20.501500  | the        | 110.00100 | phi  | 121.27207  | ∠-L£(                             | EL INVOSI  |
|       |                   |       | •                     |        |            |            |           |      |            |                                   | ( (-       |
| N     | <b>3.000000</b> 0 | wl.   | .2000000              | w2     | .1100000   | w3         | .0900000  | SF   | .0921707   | LFr                               | .9062767   |
| PRA   | 1.1156025         | PRB   | .9431968              | PRC    | 1.1053868  | L          | .1510849  | min  | .1264715   | max                               | .1899092   |
| Si    | 3.261095          | SAB   | 3.043346              | Sf     | 3.172984   | K          | .0246134  | z    | .0336228   | m                                 | .1039231   |
|       |                   |       |                       |        |            |            |           |      |            |                                   |            |
| n     | .1.270171         | gam   | 31.232814             | D-81   | 26.387580  | the        | 116.38760 | phi  | 121.23283  | Z=1.EV                            | EL THRUST  |
|       |                   |       |                       |        |            |            |           |      |            |                                   |            |
| N     | 3.0000000         | wl    | .2000000              | w2     | .1100000   | w3         | .0900000  | SF   | .0921707   | LFr                               | .8743363   |
| PRA   | 1.1093602         | PRB   | .9356483              |        | 1.1815551  | L          | .1301804  | min  | .1264715   | max                               | .1899092   |
|       |                   |       |                       |        |            |            |           |      |            |                                   |            |
| Si    | 3:010241          | SAB   | 2.870128              | Sf     | 3.172984   | , К        | 0037089   | Z    | .0517267   | m                                 | .1039231   |
| n     | .1270171          | gam   | 31.232814             | b-al   | 26.387580  | the        | 116.38760 | phi  | 121.23283  | 2-LEV                             | EL THRUST  |
|       |                   |       |                       |        |            |            |           |      |            |                                   |            |
| N     | 3.0000000         | wl    | .2000000              | w2     | .1200000   | w3         | .0200000  | SF   | .0738831   | LFr                               | .8946486   |
| PRA   | •                 |       |                       |        |            | -          |           |      |            |                                   |            |
|       | 1.0200000         | PRB   | 1.1201585             |        | 1.0212484  | L          | .2428112  | min  | .1216736   | max                               | .2537979   |
| Si    | 4.348119          | SAB   | 3.047496              | Sf     | 3.168470   | K          | .1211376  | Z    | •0095148   | m                                 | .0230940   |
| n     | -1385641          | gam   | 33.748912             | b-a1   | 10.671771  | the        | 100.67179 | phi  | 123.74893  |                                   |            |
|       |                   |       | J                     |        |            |            |           | _    | , , , , ,  |                                   |            |
| N     | 3.0000000         | wl    | .2000000              | w2     | .1200000   | w3         | .0200000  | SF   | .0738831   | LFr                               | .7654705   |
|       |                   |       |                       |        |            |            |           |      |            |                                   |            |
|       | 1.0280253         |       | 1.1094852             |        | 1.2324971  | L          | .1220303  | min  | .1216736   | max                               | •2537979   |
| Si    | 2.898747          | SAB   | 2.317086              | Sf     | 3.168470   | K          | .0003567  | Z    | .1141141   | m                                 | .0230940   |
| n     | .1385641          | gam   | 33.748912             | b-al   | 10.671771  | the        | 100.67179 | phi  | 123.74893  | 2-LEV                             | EL THRUST  |
|       |                   |       |                       |        |            |            |           | _    |            | :                                 |            |
| N     | 3.0000000         | wl    | .2000000              | w2     | .1200000   | w3         | .0300000  | SF   | .0756569   | LFr                               | .9154930   |
| PRÁ   |                   |       |                       |        |            |            |           |      | 105760     |                                   | •91)49JU   |
|       | 1.0300000         | PRB   | 1.0908407             |        | 1.0203529  | L          | .2439881  | min  | .1253604   | max                               | -2459377   |
| Si    | 4.348112          | SAB   | 3.118551              | Sf     | 3.168980   | K          | .1186277  | Z    | .0016884   | m                                 | .0346410   |
| n     | .1385641          | gam   | 33.748912             | b-al   | 12.839472  | the        | 102.83949 | phi  | 123.74893  |                                   |            |
|       |                   |       |                       |        |            |            |           | F    |            |                                   |            |
| N     | 3.0000000         | ***   | 2000000               | 0      | 1000000    | 7          | 0700000   | CTD  | 0756560    | T Time                            | 911 600h   |
|       |                   | wl    | .2000000              | w2     | .1200000   | w3         | .0300000  | SF   | .0756569   | LFr                               | 8116894    |
| PRA   | 1.0400000         | PRB   | 1.0990278             | PRC    | 1.1197665  | L          | .1534023  | min  | .1253604   | max                               | .2459377   |
| Si    | 3.261083          | SAB   | 2.575036              | Sf     | 3.168980   | K          | .0280420  | Z    | .0801380   | m                                 | .0346410   |
| n     | .1385641          | gam   | 33.748912             |        | 12.839472  | the        | 102.83949 | phi  | 123.74893  |                                   | EL THRUST  |
|       | 12,0,0,1          | Dona  | JJ • 1 + 0 J 1 L.     | 0-41   | 16.00)     | one        | 102.000   | PILL | 127.14037  |                                   | DL TIMOOT  |
| N     | 3 000000          | 7     | 0000000               |        | 1000000    | -          | alianasas | Carr | 0500555    |                                   | 01.001.6-  |
| N     | 3.0000000         | wl    | 2000000               | w2     | .1200000   | w3         | .0400000  | SF   | .0780592   | LFr                               | .8488465   |
| PRA   | 1.0500000         | PRB   | 1.0702104             | PRC    | 1.0747689  | L          | .1725426  | min  | .1286495   | max                               | .2376798   |
| Si    | 3.478490          | SAB   | 2.755724              | Sf     | 3.169713   | K          | .0438931  | z    | .0564105   | m                                 | .0461880   |
| n     | .1385641          | gam   | 33.748912             |        | 15.026038  | the        | 105.02606 | phi  | 123.74893  |                                   | EL THRUST  |
|       |                   | J     |                       |        | ,          |            |           | T    |            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |            |
| N     | ¥ 0000000         | 7     | 0000000               |        | 100000     |            | 0500000   | -    | 0011000    |                                   | 0000000    |
| N     | 3.0000000         | wl    | .2000000              | w2     | .1200000   | <b>w</b> 3 | .0500000  | SF   | .0814562   | LFr                               | .8822918   |
| PRA   | 1.0600000         | PRB   | 1.0419239             |        | 1.0489676  | L          | .1854916  | min  | .1315281   | max                               | .2290114   |
| Si    | 3.623424          | SAB   | 2.901086              | Sf     | 3.170726   | K          | .0539634  | Z    | .0376893   | m                                 | .0577350   |
| n     | :1385641          | gam   | 33.74891.2            |        | 17.235267  | the        | 107.23529 | phi  | 123.74893  |                                   | EL THRUST  |
|       | 12000TI           | Perm  | <b>ノノ•   Ŧ∪</b> タ J.C | O-ELL. | 11.677601  | 0116       | エリ・モノノエフ  | PILL | 14097      | ~-L-EV.                           | TITUOOT.   |
|       |                   |       |                       |        |            |            |           |      |            |                                   |            |

Evitation statement

di Buttalia di Caratta di I

| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0670007<br>3.105784<br>.1385641 | wl .20000<br>PRB 1.02378<br>SAB 2.6329<br>gam 33.7489             | 367 PRC 1.1762<br>949 Sf 3.170          | 690 I.<br>726 K         | .0500000<br>.1423550<br>.0108268<br>107.23529 | SF<br>min<br>z<br>phi | .0814562<br>.1315281<br>.0750467<br>123.74893 | IFr .82627<br>max .22901<br>m .05773<br>2-IEVEL THRU     | .14<br>550 |
|---------------------|--|---|---|-------------------------|---|-----------------------|---|--|------------|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>3.726958<br>.1385641 | wl .20000<br>PRB 1.0162 <sup>1</sup><br>SAB 3.0266<br>gam 33.7489 | 58 PRC 1.0313<br>533 Sf 3.172           | 069 L<br>096 <b>·</b> K | .0600000<br>.1948433<br>.0608555<br>109.47089 | SF<br>min<br>z<br>phi | .0857744<br>.1339878<br>.0217206<br>123.74893 | LFr .91403<br>max .21992<br>m .06928<br>2-LEVEL THRU     | 40<br>320  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0789116<br>3.261092<br>.1385641 | wl .20000<br>PRB 1.00486<br>SAB 2.7901<br>gam 33.7489             | 516 PRC 1.1313<br>50 Sf 3.172           | 906 L<br>096 K          | .0600000<br>.1560211<br>.0220334<br>109.47089 | SF<br>min<br>z<br>phi | .0857744<br>.1339878<br>.0553416<br>123.74893 | IFr .86065<br>max .21992<br>m .06928<br>2-LEVEL THRU     | 240<br>320 |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>3.804610<br>.1385641 | wl .20000<br>PRB .99365<br>SAB 3.1401<br>gam 33.7489              | 666 PRC 1.0171<br>33 Sf 3.173           | 998 I.<br>880 K         | .0700000<br>.2018890<br>.0658891<br>111.73817 | SF<br>min<br>z<br>phi | .0912743<br>.1360000<br>.0073614<br>123.74893 | IFr .94534<br>max .21038<br>m .08082<br>2-LEVEI, THRU    | 92<br>91   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0895148<br>3.381866<br>.1385641 | wl .20000<br>PRB .98557<br>SAB 2.9271<br>gam 33.7489              | 97 PRC 1.1001<br>18 Sf 3.173            | 669 L<br>880 K          | .0700000<br>.1666603<br>.0306603<br>111.73817 | SF<br>min<br>z<br>phi | .0912743<br>.1360000<br>.0378704<br>123.74893 | LFr .89421<br>max .21038<br>m .08082<br>2-LEVEL THRU     | 892<br>191 |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0856225<br>3.043670<br>.1385641 | wl .20000<br>.PRB .96953<br>SAB 2.7159<br>gam 33.7489             | 983 PRC 1.2053<br>900 Sf 3.173          | 1462 L<br>1880 K        | .0700000<br>.1384773<br>.0024774<br>111.73817 | SF<br>min<br>z<br>phi | .0912743<br>.1360000<br>.0622775<br>123.74893 | LFr .85330<br>max .21038<br>m .08082<br>2-LEVEL THRU     | 92<br>91.  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0995949<br>3.478497<br>.1385641 | wl .20000<br>PRB .96830<br>SAB 3.0512<br>gam 33.7489              | 89 PRC 1.0750<br>112 Sf 3.176           | 322 L<br>200 K          | .0800000<br>.1751423<br>.0375924<br>114.04184 | SF<br>min<br>z<br>phi | .0981197<br>.1375500<br>.0218671<br>123.74893 | LFr .92768<br>max .20039<br>m .09237<br>2-LEVEL THRU     | 61<br>61   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.1005699<br>3.162274<br>.1385641 | wl .20000<br>PRB .95704<br>SAB 2.8646<br>gam 33.7489              | 89 PRC 1.15850<br>89 Sf 3.1 <b>7</b> 60 | 003 L<br>200 K          | .0800000<br>.1487904<br>.0112404<br>114.04184 | SF<br>min<br>z<br>phi | .0981197<br>.1375500<br>.0446885<br>123.74893 | LFr .88741<br>max .20039<br>m .09237<br>2-LEVEL THRU     | 22<br>61   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0200000<br>4.348129<br>.1501111 | wl .20000<br>PRB 1.13920<br>SAB 3.0071<br>gam 36.3411             | 17 PRC .99712<br>32 Sf 3.176            | 237 L •<br>+27 K        | .0200000<br>.2495403<br>.1150790<br>100.67179 | SF<br>min<br>z<br>phi | .0906754<br>.1344614<br>.0036872<br>126.34119 | LFr .91553<br>max .25379<br>m .02309                     | 79         |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261071<br>.1501111 | wl .20000<br>PRB 1.11304<br>SAB . 2.5346<br>gam 36.3411           | 51 PRC 1.12609<br>61 Sf 3.1769          | 975 L<br>937 K          | .0300000<br>.1601296<br>.0219814<br>102.83949 | SF<br>min<br>z<br>phi | .0924492<br>.1381481<br>.0743120<br>126.34119 | LFr .82597<br>max .24593<br>m .03464<br>2-LEVEL THRU     | 77<br>10   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478500<br>.1501111 | wl .20000<br>PRB 1.08594<br>SAB 2.7153<br>gam 36.3411             | 83 PRC 1.07763<br>60 Sf 3.1776          | 566 L<br>570 K          | .0400000<br>.1792717<br>.0378345<br>105.02606 | SF<br>min<br>z<br>phi | .0948515<br>.1414373<br>.0505829<br>126.34119 | LFr .864856<br>max .237679<br>m .046188<br>2-LEVEL THRUS | 98<br>80   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623434<br>.1501111 | wl .20000<br>PRB 1.05724<br>SAB 2.8607<br>gam 36.3411             | 61 PRC 1.05098<br>22 Sf 3.1786          | 325 L<br>83 K           | .0500000<br>.1922207<br>.0479048<br>107.23529 | SF<br>min<br>z<br>phi | .0982485<br>.1443159<br>.0318617<br>126.34119 | LFr .89958 max .229011 m .057739                         | 14<br>50   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0638774<br>3.105795<br>.1501111 | wl .20000<br>PRB 1.03258<br>SAB 2.5828<br>gam 36.3411             | 91 PRC 1.19183<br>86 Sf 3.1786          | 504 L<br>583 K          | .0500000<br>.1490841<br>.0047682<br>107.23529 | SF<br>min<br>z<br>phi | .0982485<br>.1443159<br>.0692191<br>126.34119 | LFr .840270<br>max .229011<br>m .057735<br>2-LEVEL THRUS | 50         |

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|--------------------|------------|------|---|------------------|------------|------------|--------------|---------------|------------------|-------------|
|                    |            | 4.   |   | 0 3700000        | 7          | 0600000    |              | 2005667       | TT- 0707         | 701         |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1300000      | w3         | .0600000   | SF           | .1025667      | LFr .9323        |             |
| PRA '              | 1.0700000  | PRB  | 1.0309664                               | PRC 1.0329067    | L          | .2015724   | min          | .1467755      | max .2199        | 240         |
| Si                 | 3.726969   | SAB  | 2,986269                                | Sf 3.180054      | K          | .0547969   | z            | .0158930      | m .0692          | 820         |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| n                  | .1501111   | gam  | 36.341171                               | b-al 19.470873   | the        | 109.47089  | phi          | 126.34119     | 2-LEVEL, THE     | 021         |
|                    | n *        |      | ,                                       |                  |            |            |              | W.            |                  | 1 .         |
| NT                 | 3.0000000  | wl   | .2000000                                | w2 .1300000      | w3         | .0600000   | SF           | .1025667      | LFr .8760        | 185         |
| N                  |            |      |   |                  |            |            |              |               |                  |             |
| PRA                | 1.0773437  | PRB  | 1.0149640                               | PRC 1.1415508    | L          | .1627483   | min          | .1467755      | max .2199        | _           |
| Si                 | 3.261080   | SAB  | 2.744660                                | Sf 3.180054      | K          | .0159728   | Z            | .0495156      | m .0692          | 820         |
| n                  | .1501111   | gam  | 36.341171                               | b-al 19.470873   | the        | 109.47089  | nhi          | 126.34119     | 2-LEVEL THR      | UST         |
| n                  | • 7)01111  | Rom  | JO DATTIT                               | D-a1 19.410017   | OHC        | 107.4100)  | PILL         | " 1000) (111) |                  |             |
|                    |            |      |   |                  |            |            |              | 10            | -                |             |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1300000      | w3         | .0700000   | SF           | .1080666      | LFr .9645        | 786         |
| PRA                | 1.0800000  | PRB  | 1.0071130                               | PRC 1.0192300    | L          | .2086163   | min          | .1487877      | max .2103        | 892         |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| Si                 | 3.804598   | SAB  | 3.099757 \                              | 'Sf 3.181838     | K          | .0598285   | Z            | .0015354      | m .0808          |             |
| n                  | •1501111   | gem  | 36.341171                               | b-al 21.738145   | the        | 111.73817  | phi          | 126.34119     | 2-LEVEL THR      | UST         |
|                    |            | 0    |   |                  | •          |            |              |               |                  |             |
|                    |            |      |   |                  |            |            | ~            | 2000///       | 75 0105          | -12         |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1300000      | w3 '       | .0700000   | SF           | .1080666      | LFr .9107        | POT         |
| PRA                | 1.0884866  | PRB  | •9953408                                | PRC 1.1087146    | L          | .1733894   | min          | .1487877      | max .2103        | 892         |
| Si                 |            |      |   | Sf 3.181838      | K          | .0246017   |              | .0320428      | m .0808          | -           |
| OI                 | 3.381876   | SAB  | 2.883278                                | 1 -              |            |            | Z            |               |                  |             |
| n                  | .1501111   | gam  | 36.341171                               | b-81 21.738145   | the        | 111.73817  | phi          | 126.34119     | 2-LEVEL THR      | UST         |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| NY                 | 7 0000000  |      | 0000000                                 | alicance         |            | 0700000    | CTT          | .1121540      | LFr .8412        | 900         |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1400000      | w3         | .0300000   | SF           | -/            |                  | -           |
| PRA                | 1.0400198  | PRB  | 1.1247359                               | PRC 1.1376324    | L          | .1674233   | min.         | .1516434      | max .2459        | 377         |
| Si                 | 3.261093   | SAB  | 2.490985                                | Sf 3.187305      | K          | .0157798   | Z            | .0679955      | m .0346          | 410         |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| n                  | .1616581   | gam  | 39.022490                               | b-al 12.839472   | .the       | 102.83949  | phi          | 129.02251     | 2-LEVEL THR      | OST.        |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1400000      | w3         | .0400000   | SF           | .1145563      | LFr .8819        | 323         |
| _                  |            |      |   |                  | -          |            |              |               |                  |             |
| PRA                | 1.0500000  | PRB  | 1.1004948                               | PRC 1.0843333    | L          | .1865635   | min          | .1549326      | max .2376        |             |
| Si                 | 3.478500   | SAB  | 2.671608                                | Sf 3.188038      | K          | .0316310   | Z            | .0442680      | m .0461          | 880         |
| n                  | .1616581   | gam  | 39.022490                               | b-al 15.026038   | the        | 105.02606  | phi          | 129.02251     | 2-LEVEL THR      | IST         |
| **                 | •1010)01   | Rom  | 77.022470                               | D-a1 17.020070   | OLIC       | 107.02000  | PILL         | 10,0000       | C-110 (101) 1411 | ODI         |
|                    |            |      |   | - '              |            |            |              |               |                  |             |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1400000      | w3         | .0500000   | SF           | 1179533       | LFr .9179        | 869         |
| PRA                | 1.0600000  |      |   |                  | -          |            |              |               |                  |             |
|                    |            | PRB  | 1.0721951                               | PRC 1.0558577    | L          | .1995125   | min          | .1578112      | max .2290        |             |
| Si                 | 3.623433   | SAB  | 2.816970                                | Sf 3.189051      | K          | .0417013   | Z            | .0255468      | m .0577          | <b>3</b> 50 |
| n                  | .1616581   | gam  | 39.022490                               | b-al 17.235267   | the        | 107.23529  | phi          | 129.02251     | 2-LEVEL THR      | UST         |
| ••                 | ,1010,01   | Scan | J) OLE TO                               | ח-מד דו בי ארכון | OIIC       | エロー・エンノエン  | 2112         | 14)•044       |                  | -           |
|                    | <b>-</b>   |      | •                                       |                  |            |            |              |               |                  |             |
| N                  | 3.00000000 | wl   | .2000000                                | w2 .1400000      | w3         | •0600000   | SF           | .1222715      | LFr .9518        | 528         |
| PRA                | 1.0700000  | PRB  | 1.0451548                               | PRC 1.0374094    | L          | .2088623   | min          | .1.602708     | max .2199        | 240         |
| Si                 | 3.726945   | SAB  |   |                  |            |            |              |               | -/               |             |
| O1                 |            | OAD  | 2.942505                                | Sf 3.190422      | K          | .0485915   | Z            | .0095797      |                  |             |
| n,                 | .1616581   | gam  | 39.022490                               | b-al 19.470873   | the        | 109.47089  | phi          | 129.02251     | 2-LEVEL THR      | UST         |
| -                  | 1          |      |   |                  |            |            |              |               | •                |             |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1400000      | w3         | .0600000   | SF           | .1222715      | LFr .8925        | 371         |
|                    |            |      |   |                  |            |            | •            |               |                  |             |
| PRA                | 1.0747419  | PRB  | 1.0239128                               | PRC 1.1572886    | L .        | .1700401   | min          | .1602708      | max .2199        |             |
| Si                 | 3.261079   | SAB  | 2.692424                                | Sf 3.190422      | K          | .0097693   | $\mathbf{z}$ | .0432007      | m .0692          | 320         |
| n                  | .1616581   | gam  | 39.022490                               | b-al 19.470873   | the        | 109.47089  | phi          | 129.02251     | 2-LEVEL THR      | TST         |
|                    | 1          |      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | >0.1 00 >        |            | 20/1/1/00/ | r-;-         |               |                  |             |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1500000      | <b>w</b> 3 | .0300000   | SF           | .1352301      | LFr .85782       | 262         |
| PRA                | 1.0393702  | PRB  | 1.1343825                               | PRC 1.1559110    | L          | .1753616   | min          | .1659331      | max .2459        | 377         |
| Si                 | 3.261082   | SAB  | 2.441225                                |                  |            |            |              |               |                  |             |
| DI                 |            |      |   |                  | K          | .0094286   | Z            | .0611206      | m .03461         |             |
| n                  | .1732051   | gam  | 41.810053                               | b-al 12.839472   | the        | 102.83949  | phi          | 131.81007     | 2-LEVEL THRU     | JST         |
|                    | 1          | 1    |   |                  |            |            |              |               |                  |             |
| N ,                | 3.0000000  | wl   | 2000000                                 | 110              | 7          | diagona    | CTT          | 1276201       | LFr .9002        | ולצו        |
|                    |            |      | .2000000                                | w2 .1500000      | <b>w</b> 3 | .0400000   | SF           | .1376324      |                  |             |
|                    | 1.0500000  | PRB  | 1.1134902                               | PRC 1.0958383    | L          | .1945019   | min          | .1692222      | max .2376        | 798         |
| Si                 | 3.478488   | SAB  | 2.623966                                | Sf 3.201777      | K          | .0252797   | 2            | 0373932       | m .04618         | 380         |
| n,                 | .1732051   | gam  | 41.810053                               | b-al 15.026038   | the        | 105.02606  |              | 131.81007     | 2-LEVEL THRU     |             |
| ,                  |            | Rom  | 47.0T0022                               | N=01 17.020030   | one        | 107.02000  | phi          | I DOTO TOTO   | C-TEART THE      | JUL         |
|                    | _1         |      |   |                  |            |            |              |               |                  |             |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1500000      | <b>w</b> 3 | • .0500000 | SF           | .1410284      | LFr .93772       | 241         |
| PRA                | 1.0600000  | PRB  | 1.0859433                               | PRC 1.0649933    | Ĺ          | .2074509   | min          | .1721008      | max .22901       |             |
| Si                 | 3.623422   | SAB  | 2.769328                                | Sf 3.202790      | ĸ          | .0353500   | Z            | .0186720      |                  |             |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| $\mathbf{n}^{t+1}$ | .1732051   | gam  | 41.810053                               | b-al 17.235267   | the        | 107.23529  | phi          | 131.81007     | 2-LEVEL THRU     | isi,        |
|                    |            |      |   |                  |            |            |              |               |                  |             |
| N                  | 3.0000000  | wl   | .2000000                                | w2 .1600000      | w3         | .0300000   | SF           | .1622381      | LFr .87588       | 360         |
|                    |            |      |   |                  |            |            |              |               |                  |             |
|                    | 1.0375204  | PRB  | 1.1415105                               | FRC 1.1836055    | L          | .1840496   | min          | .1811199      | max .24593       |             |
| Si                 | 3.261089   | SAB  | 2.383072                                | Sf 3.219764      | K          | .0029297   | Z            | •0535966      | m .03464         | 10          |
| n                  | .1847521   | gam  | 44.724704                               | b-al 12.839472   | the        | 102.83949  | phi          | 134.72472     | 2-LEVEL THRU     |             |
|                    | 1-1.17     | Own  | TOLLAIOA                                | D-01 15-072-15   | 0116       | エレム・レノフマフ  | PALL         | T)TO [CT]C    |                  | , U.        |

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| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0498815<br>3.478495<br>.1847521 | wl<br>PRB<br>SAB<br>gam  | .2000000<br>1.1245446<br>2.571433<br>44.724704 | w2 .1600000<br>PRC 1.1137071<br>Sf 3.220497<br>b-al 15.026038 | w3<br>L<br>K<br>the | .0400000<br>.2031899<br>.0187809<br>105.02606 | SF<br>min<br>z<br>phi | .1646404<br>.1844090<br>.0298692<br>134.72472 | LFr<br>max<br>m<br>2-LEV  | .9202280<br>.2376798<br>.0461880<br>VEL THRUST |
|----------------------|--|--------------------------|--|---|---------------------|---|-----------------------|---|---------------------------|--|
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0200000<br>4.348115<br>.0461880 | wl<br>PRB<br>SAB<br>gem  | .2200000<br>.9904390<br>3.217883<br>16.260141  | w2 .0400000<br>PRC 1.379838<br>Sf 3.141603<br>b-al 11.536790  | w3<br>L<br>K<br>the | .0200000<br>.2144127<br>.1748150<br>101.53681 | SF<br>min<br>z<br>phi | .0098305<br>.0395977<br>.0164556<br>106.26016 | LFr<br>max<br>m           | .7989483<br>.2334140<br>.0230940               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0300000<br>2.898744<br>.0461880 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9876600<br>2.493198<br>16.260141  | w2 .0400000<br>PRC 1.379838<br>Sf 3.141603<br>b-al 11.536790  | w3<br>L<br>K<br>the | .0200000<br>.0936318<br>.0540340<br>101.53681 | SF<br>min<br>z<br>phi | .0098305<br>.0395977<br>.1210550<br>106.26016 | IFr<br>mex<br>m           | .7435865<br>.2334140<br>.0230940               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0200000<br>4.348116<br>.0577350 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>1.0038505<br>3.194310<br>18.662907 | w2 .0500000<br>PRC 1.330694<br>Sf 3.141605<br>b-al 11.536790  | w3<br>L<br>K<br>the | .0200000<br>.2183418<br>.1698230<br>101.53681 | SF<br>min<br>z<br>phi | .0134468<br>.0485188<br>.0130529<br>108.66293 | LFr<br>max<br>m           | .8171940<br>.2334140<br>.0230940               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0300000<br>2.898745<br>.0577350 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>1.0049804<br>2.469624<br>18.662907 | w2 .0500000<br>PRC 1.330694<br>Sf 3.141605<br>b-al 11.536790  | w3<br>L<br>K<br>the | .0200000<br>.0975609<br>.0490421<br>101.53681 | SF<br>min<br>z<br>phi | .0134468<br>.0485188<br>.1176522<br>108.66293 | LFr<br>max<br>m           | .7526054<br>.2334140<br>.0230940               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0300000<br>4.348127<br>.0577350 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9840474<br>3.265783<br>18.662907  | w2 .0500000<br>PRC 1.318688<br>Sf 3.141603<br>b-al 13.886410  | w3<br>L<br>K<br>the | .0300000<br>.2194519<br>.1674200<br>103.88643 | SF<br>min<br>z<br>phi | .0153561<br>.0520320<br>.0051340<br>108.66293 | LFr<br>max<br>m           | .8376188<br>.2253801<br>.0346410               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.040000<br>3.261076<br>.0577350  | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9808624<br>2.722257<br>18.662907  | w2 .0500000<br>PRC 1.318688<br>Sf 3.141603<br>b-al 13.886410  | w3<br>L<br>K<br>the | .0300000<br>.1288643<br>.0768324<br>103.88643 | SF<br>min<br>z<br>phi | .0153561<br>.0520320<br>.0835852<br>108.66293 | LFr<br>max<br>m           | .7822561<br>.2253801<br>.0346410               |
| N<br>•PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>2.608877<br>.0577350 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9779323<br>2.396158<br>18.662907  | w2 .0500000<br>PRC 1.340686<br>Sf 3.141603<br>b-al 13.886410  | w3<br>L<br>K<br>the | .0300000<br>.0745144<br>.0224825<br>103.88643 | SF<br>min<br>z<br>phi | .0153561<br>.0520320<br>.1306536<br>108.66293 | LFr<br>max<br>m<br>2-LEV  | .7490397<br>.2253801<br>.0346410<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0200000<br>1.348117<br>.0692820 | wl<br>PRB<br>SAB<br>.gam | .2200000<br>1.0187653<br>3.168894<br>21.099817 | w2 .0600000<br>PRC 1.283252<br>Sf 3.141615<br>b-al 11.536790  | w3<br>L<br>K<br>the | .0200000<br>.2225781<br>.1646730<br>101.53681 | SF<br>min<br>z<br>phi | .0181456<br>.0579050<br>.0093842<br>111.09984 | LFr<br>max<br>m           | .8356657<br>.2334140<br>.0230940               |
| N<br>PRA<br>S1       | 3.0000000<br>1.0300000<br>2.898746<br>.0692820 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>1.0243290<br>2.444208<br>21.099817 | w2 .0600000<br>PRC 1.283252<br>Sf 3.141615<br>b-al 11.536790  | w3<br>L<br>K<br>the | .0200000<br>.1017971<br>.0438921<br>101.53681 | SF<br>min<br>z<br>phi | .0181456<br>.0579050<br>.1139836<br>111.09984 | LFr<br>max<br>m           | .7618504<br>.2334140<br>.0230940               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0300000<br>4.348128<br>.0692820 | wl<br>PRB<br>SAB<br>gem  | .2200000<br>.9963086<br>3.240367<br>21.099817  | w2 .0600000<br>PRC 1.275714<br>Sf 3.141613<br>b-al 13.886410  | w3<br>L<br>K<br>the | .0300000<br>.2236881<br>.1622700<br>103.88643 | SF<br>min<br>z<br>phi | .0200548<br>.0614182<br>.0014653<br>111.09984 | LFr<br>max<br>m           | .8562307<br>.2253801<br>.0346410               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0400000<br>3.261077<br>.0692820 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9955647<br>2.696841<br>21.099817  | w2 .0600000<br>PRC 1.275714<br>Sf 3.141613<br>b-al 13.886410  | w3<br>L<br>K<br>the | .0300000<br>.1331005<br>.0716824<br>103.88643 | SF<br>min<br>z<br>phi | .0200548<br>.0614182<br>.0799165<br>111.09984 | LFr<br>max<br>m           | •7939472<br>•2253801<br>•0346410               |
| N<br>PRA<br>Si<br>n  | 3.0000000<br>1.0500000<br>2.608855<br>.0692820 | wl<br>PRB<br>SAB<br>gam  | .2200000<br>.9918909<br>2.370730<br>21.099817  | w2 .0600000<br>PRC 1.336001<br>Sf 3.141613<br>b-al 13.886410  | w3<br>L<br>K<br>the | .0300000<br>.0787487<br>.0173306<br>103.88643 | SF<br>min<br>z<br>phi | .0200548<br>.0614182<br>.1269865<br>111.09984 | LFr<br>max<br>m<br>2-LEVI | .7565785<br>.2253801<br>.0346410<br>EL THRUST  |

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Section 1

| 37       | 7 0000000              | ••1       | .2200000  | w2         | .0600000             | w3      | .0400000  | SF            | .0226574    | LFr        | .8224487           |
|----------|------------------------|-----------|-----------|------------|----------------------|---------|-----------|---------------|-------------|------------|--------------------|
| N        | 3.0000000              | W.l       | .9749086  | PRC        | 1.262888             |         | .1521626  | min           |             | max        | .2169101           |
| PRA      | 1.0500000              | PRB       |           | Sf         | 3.141611             | ĸ       | .0876674  | Z             | .0560730    | m          | .0461880           |
| Si<br>~  | 3.478498               | SAB       | 2.878012  | b-al       |                      | the     | 106.26016 | 1.0           | 111.09984   | •          | 10101000           |
| n        | •0692820               | gam       | 21.099817 | D-al       | 10.200141            | OHE     | 100.20010 | , pni         | 1.07,00,004 | ·          |                    |
| are are  | 7 0000000              | 2         |           |            | 0600000              | ••7     | .0400000  | SF            | .0226574    | LFr        | .7855406           |
| N DDA    | 3.0000000              | W.l.      | .2200000  | w2<br>PRC  | .0600000<br>1.262888 | w3<br>L | :1038494  | min           | .0644952    | max        | .2169101           |
| PRA      | 1.0600000<br>2.898740  | PRB       | .9720983  | Sf         | 3.141611             | K       | 0393543   | Z             | .0979134    |            | .0461880           |
| Si       |                        | SAB       | 2.588133  |            |                      |         |           |               |             | m          | •0401000           |
| n        | .0692820               | gam       | 21.099817 | b-al       | 16.260141            | the     | 106.26016 | phi           | 111.09984   |            |                    |
| NT       | 7 0000000              | **1       | 0000000   | •••        | .0600000             | ***     | .0400000  | CTP.          | .0226574    | LFr        | .7591772           |
| N        | 3.0000000              | W]        | .2200000  | w2         | 4                    | w3      |           | SF            |             |            | .2169101           |
| PRA      | 1.0653685              | PRB       | .9629036  | PRC        | 1.376895             | L       | .0693398  | min           | .0644952    | mex        | .0461880           |
| Si       | 2.484624               | SAB       | 2.369566  | Sf         | 3.141611             | K       | .0048446  | Z             | .1277997    | m<br>O TEM |                    |
| n        | .0692820               | gam       | 21.099817 | p-al       | 16.260141            | the     | 106.26016 | phi           | 111.09984   | 2-140      | VEL THRUST         |
|          | 7                      |           |           |            |                      |         |           | -             | 001.221.6   |            | Ochlistia          |
| N        | 3.0000000              | wl        | .2200000  | w2         | .0700000             | w3      | .0200000  | SF            | .0241146    | IFr        | .8544340           |
| PRA      | 1.0200000              | PRB       | 1.0346043 | PRC        | 1.2385825            | • L     | .2271519  | min           | .0677893    | max        | .2334140           |
| Si       | 4.348105               | SAB       | 3.141438  | Sf         | 3.141612             | K       | .1593626  | Z             | .0054231    | m          | .0230940           |
| n        | •0808290               | gam       | 23.577850 | b-al       | 11.536790            | the     | 101.53681 | phi           | 113.57787   |            |                    |
|          |                        |           |           |            |                      |         |           | •             |             |            |                    |
| N        | 3.0000000              | wl        | .2200000  | w2         | .0700000             | . w3    | .0200000  | $\mathbf{SF}$ | .0241146    | LFr        | •7713909           |
| PRA      | 1.0300000              | PRB       | 1.0450355 | PRC        | 1.2439111            | L       | .1063709  | min           | .0677893    | max        | .2334140           |
| Si       | 2.898733               | SAB       | 2.416753  | Sf         | 3.141612             | K       | .0385816  | Z             | .1100225    | . m        | .0230940           |
| n        | .0808290               | gam       | 23.577850 | b-al       | 11.536790            | the     | 101.53681 | phi           | 113.57787   | 2-LEN      | VEL THRUST         |
|          |                        |           |           |            |                      |         |           |               |             |            |                    |
| N        | 3.0000000              | wl        | .2200000  | w2         | .0700000             | w3      | .0300000  | SF            | .0260229    | LFr        | .8059626           |
| PRA      | 1.0400000              | PRB       | 1.0124525 | PRC        | 1.2335119            | L       | .1376762  | min           | .0713024    | max        | .2253801           |
| Si       | 3.261088               | SAB       | 2.669397  | Sf         | 3.141610             | K       | .0663738  | Z             | .0759538    | m          | .0346410           |
| n        | .0808290               | gam       | 23.577850 | b-al       | 13.886410            | · the   | 103.88643 | phi           | 113.57787   |            |                    |
|          |                        |           |           |            |                      |         |           |               |             |            |                    |
| N ·      | 3.0000000              | wl        | .2200000  | W2         | .0700000             | w3      | .0300000  | SF            | .0260229    | LFr        | .7644405           |
| PRA      | 1.0496883              | PRB       | 1.0058564 | PRC        | 1.333343             | L       | .0833244  | min           | .0713024    | max        | .2253801           |
| Si       | 2.608866               | SAB       | 2.342473  | Sf         | 3.141610             | ĸ       | .0120220  | 2             | .1230238    | m          | .0346410           |
| .e. n    | .0808290               | gam       | 23.577850 |            | 13.886410            | the     | 103.88643 | phi           | 113.57787   |            | EL THRUST          |
| • • • •  | <b>*</b> 00000290      | Boan      | 27.711070 | D-all      | 17.000-10            | Offic   | 107.000-7 | PILL          | 777.71101   | 2-110      | DD IIIIODI         |
| N        | 3.0000000              | **1       | .2200000  | w2         | .0700000             | w3      | .0400000  | SF            | .0286264    | LFr        | .8360329           |
| PRA      | 1.0500000              | wl<br>PRB | .9877143  | PRC        | 1.2253330            | L       | 1567364   | min           | 0743794     | max        | .2169101           |
| Si       | 3.478485               | SAB       | 2.850556  | Sf         | 3.141608             | K       | .0823570  | · Z           | .0521120    | m          | .0461880           |
|          |                        |           |           |            | 16.260141            |         |           |               |             | 111        | .0401.000          |
| n        | .0808290               | gam       | 23.577850 | D-a_1      | 10.200141            | the     | 106.26016 | phi           | 113.57787   |            |                    |
| NY       | 7 0000000              | 7         | 0000000   |            | 0700000              | 7       | alianan   | CTE           | .0286264    | LFr        | •7954350           |
| N<br>PRA | 3.0000000<br>1.0600000 | wl        | .2200000  | <b>w</b> 2 | .0700000             | w3      | .0400000  | SF            |             |            | .2169101           |
|          |                        | PRB       | .9861033  |            | 1.2441501            | L       | .1084251  | min           | .0743794    | max        |                    |
| Si       | 2.898750<br>.0808290   | SAB       | 2.560689  | Sf         | 3.141608             | K       | .0340457  | Z             | .0939507    | m<br>O THY | .0461880           |
| n        | •0000290               | gam       | 23.577850 | D-all      | 16.260141            | the     | 106.26016 | phi           | 113.57787   | 2-LEV      | EL THRUST          |
| B.T      | 7 0000000              |           | 0000000   | •          | ortonoon             |         | 050000    | OFF.          | 0700000     |            | 001.0270           |
| N<br>PRA | 3.0000000<br>1.0600000 | wl<br>ppp | •2200000  | ₩2         | .0700000             | w3      | .0500000  | SF            | .0322876    | LFr        | .8646336           |
|          |                        | PRB       | .9695343  |            | 1.2119880            | L       | .1695957  | min           | .0770053    | max        | 2079890            |
| Si       | 3.623420               | SAB       | 2.996457  | Sf         | 3.141610             | K       | •0925904  | 2             | .0332495    | m.         | .0577350           |
| n        | .0808290               | gam       | 23.577850 | b-al       | 18.662906            | the     | 108.66293 | phi           | 113.57787   |            |                    |
| 1-       | 7 0000000              |           | 0000      |            |                      |         |           |               |             | •          | 0                  |
| N        | 3.0000000              | wl        | .2200000  | w2         | .0700000             | w3      | .0500000  | SF            | .0322876    | IFr        | .8250904           |
| PRA      | 1.0700000              | PRB       | .9666541  |            | 1.2119880            | L       | .1264610  | min           | .0770053    | max        | •2079890           |
| Si       | 3.105803               | SAB       | 2.737649  | Sf         | 3.141610             | K       | .0494557  | Z             | .0706053    | m          | •0577350           |
| n        | .0808290               | gam       | 23.577850 | b-al       | 18.662906            | the     | 108.66293 | phi           | 113.57787   |            |                    |
|          | 7 00000                |           |           |            |                      |         |           |               |             |            |                    |
| N        | 3.0000000              | wl        | .2200000  | w2         | .0700000             | · w3    | .0500000  | SF            | .0322876    | LFr        | •7954321           |
| PRA      | 1.0787134              | PRB       | .9604911  | PRC        | 1.287712             | L       | .0941086  | min           | .0770053    | max        | .2079890           |
| Si       | 2.717574               | SAB       | 2.540037  | Sf         | 3.141610             | K .     | .0171033  | Z             | .0986233    | m          | •0577350           |
| n        | .0808290               | gam       | 23.577850 | b-al       | 18.662906            | the     | 108.66293 | phi           | 113.57787   | 2-LEV      | EL THRUST          |
|          |                        |           |           |            |                      |         |           |               |             |            |                    |
| N        | 3.0000000              | wl        | .2200000  | w2         | .0800000             | w3      | .0200000  | SF            | .0315466    | LFr        | 8735743            |
| PRA      | 1.0200000              |           | 1.0511382 |            | 1.1969492            | Ľ       | .2320919  | min           | 0781933     | max        | 8735743<br>2334140 |
| Si       | 4.348120               | SAB       | 3.111813  | Sf         | 3.141610             | K       | .1538987  | z             | .0011450    | m          | .0230940           |
| n        | .0923761               | gam       | 26.103604 | b-ai       | 11.536790            | the     | 101.53681 | phi           | 116.10363   | 1          |                    |
|          |                        |           | 1.00      |            |                      |         |           | 1             | ,           |            |                    |

| N<br>PRA<br>Si | 3.0000000<br>1.0300000<br>2.898748 | wl<br>PRB<br>SAB | .2200000<br>1.0654580<br>2.387127 | w2<br>PRC<br>Sî | .0800000<br>1.2352092<br>3.141610 | w3<br>L<br>•K | .0200000<br>.1113110<br>.0331177 | SF<br>min<br>z | .0315466<br>.0781933<br>.1057443 | IFr<br>max<br>m | .7813044<br>.2334140<br>.0230940       |
|----------------|------------------------------------|------------------|-----------------------------------|-----------------|-----------------------------------|---------------|----------------------------------|----------------|----------------------------------|-----------------|--|
| n              | .0923761                           | gam              | 26.103604                         | b-al            | 11.536790                         | the           | 101.53681                        | phi            | 116.10363                        | 2-LE            | VEL THRUST                             |
| N<br>PRA       | 3.0000000<br>1.0400000             | wl<br>PRB        | .2200000<br>1.0307137             | w2<br>PRC       | .0800000<br>1.1933853             | w3<br>L       | .0300000<br>.14261.63            | SF<br>min      | .0334559                         | LFr             | .8183766<br>.2253801                   |
| Si<br>n        | 3.261102<br>.0923761               | SAB              | 2.639772<br>26.103604             | Sf              | 3.141608<br>13.886410             | K<br>the      | .0609099<br>103.88643            | z<br>phi       | .0716756                         | m ,             | .0346410                               |
| N<br>PRA       | 3.0000000<br>1.0484151             | wl<br>PRB        | .2200000<br>1.0188359             | w2<br>PRC       | .0800000<br>1.335134              | w3<br>L       | .0300000<br>.0882645             | SF<br>min      | .0334559<br>.0817064             | LFr             | .7727022<br>.2253801                   |
| Si<br>n        | 2.608880<br>.0923761               | SAB              | 2.309526<br>26.103604             | Sf              | 3.141608<br>13.886410             | K<br>the      | .0065581<br>103.88643            | z<br>phi       | .1187456<br>116.10363            | m<br>2-LE       | .0346410<br>VEL THRUST                 |
| N              | 3,0000000                          | w].              | •2200000                          | w2              | .0800000                          | w3            | .0400000                         | SF             | .0360584                         | LFr             | .8500452                               |
| PRA            | 1.0500000                          | PRB              | 1.0028876                         | PRC             | 1.1878216                         | L             | .1616764                         | min            | .0847834                         | max             | .2169101                               |
| Si             | 3.478500                           | SAB              | 2.820931.                         | Sf              | 3.141606                          | K             | .0768930                         | Z              | .0478338                         | m               | .0461880                               |
| n              | .0923761                           | gam              | 26.103604                         | b-al            | 1.6.260141                        | the           | 106.26016                        | phi            | 116.10363                        |                 |  |
| N              | 3.0000000                          | wl               | .2200000                          | w2              | .0800000                          | w3            | .0400000                         | SF             | .0360584                         | LFr             | .8057556                               |
| PRA            | 1.0600000                          | PRB              | 1.0009720                         | PRC             | 1.2400202                         | L             | .1133633                         | min            | .0847834                         | max             | .2169101<br>.0461880                   |
| Si<br>n        | 2.898742<br>.0923761               | SAB              | 2.531052<br>26.103604             | Sf<br>b-al      | 3.141606<br>16.260141             | K<br>the      | .0285799<br>106.26016            | z<br>phi       | .0896742<br>116.10363            | m<br>2-LE       | VEL THRUST                             |
| -              | •07-27                             | 00               | 2010700                           | <b>0</b> 013.   |                                   |               |                                  |                |                                  |                 | 0==0-=6                                |
| N              | 3.0000000                          | Wl               | 2200000                           | w2              | .0800000                          | w3            | •0500000                         | SF<br>min      | .0397206<br>.0874093             | LFr<br>max      | .8798056<br>• .20 <b>79</b> 890        |
| PRA<br>Si      | 1.0600000<br>3.623434              | PRB<br>SAB       | .980 <b>7</b> 739<br>2.966831     | PRC<br>Sf       | 1.1792113<br>3.141608             | L<br>K        | .1745358<br>.0871265             | 2              | .0289714                         | m               | .0577350                               |
| n              | .0923761                           | gam              | 26.103604                         |                 | 18.662906                         | the           | 108.66293                        | phi            | 116.10363                        |                 |  |
| N              | 3.0000000                          | w]               | .2200000                          | w2              | .0800000                          | w3            | .0500000                         | · SF           | .0397206                         | LFr             | .8369656                               |
| PRA            | 1.0700000                          | PRB              | .9788643                          | PRC             | 1.1851653                         | I.            | .1313992                         | min            | .0874093                         | max             | .2079890                               |
| Si             | 3.105795                           | SAB              | 2.708012                          | Sf              | 3.141608                          | K             | .0439899                         | z              | .0663287                         | m               | .0577350                               |
| n              | .0923761                           | gam              | 26.103604                         | b-al            | 18.662906                         | the           | 108.66293                        | phi            | 116.10363                        | 2-LEV           | EL THRUST                              |
| N              | 3.0000000                          | wl.              | .2200000                          | w2              | .0800000                          | w3            | .0500000                         | SF             | .0397206                         | LFr             | .8048353                               |
| PRA            | 1.0769071                          | PRB              | .9689950                          | PRC             | 1.294010                          | L             | .0990467                         | min            | .0874093                         | max.            | .2079890                               |
| Si             | 2.717566<br>.0923761               | SAB              | 2.505491<br>26.103604             | . Sf            | 3.141608<br>18.662906             | K<br>the      | .0116374<br>108.66293            | z<br>phi       | .0943468<br>116.10363            | m<br>2-I.E/     | .05 <b>7</b> 7350<br>EL <b>TH</b> RUST |
| n              | •0927101                           | gan              | 2041.07004                        | U=a1            | 10.002,900                        | one.          |                                  | pm             |                                  |                 |  |
| N              | 3.0000000                          | w].              | .2200000                          | • M5            | .0800000                          | w3            | .0600000                         | SF             | 0443964                          | LFr             | .9089003                               |
| PRA<br>Si      | 1.0700000<br>3.726961              | PRB<br>SAB       | .9646072<br>3.092976              | PRC<br>Sf       | 1.1655747<br>3.141618             | L<br>K        | .1837864<br>.0942163             | min<br>z       | .0895701<br>.0128314             | max             | .1986028<br>.0692820                   |
| n              | .0923761                           | gam              | 26.1.03604                        |                 | 21.099817                         | the           | 111.09984                        | phi            | 116.10363                        |                 |  |
| N              | 3.0000000                          | wl               | .2200000                          | w2              | .0800000                          | w3            | .0600000                         | SF             | .0443964                         | LFr             | .8673792                               |
| PRA            | 1.0800000                          | · PRB            | .9617247                          |                 | 1.1655747                         | L             | .1449642                         | min            | .0895701                         | max             | .1986028                               |
| Si             | 3.261095                           | SAB              | 2.860043<br>26.103604             | Sf              | 3.141618                          | K             | .0553941                         | Z              | .0464524                         | m               | .0692820                               |
| n<br>•         | .0923761                           | gam              | 20.103004                         | n-a.i.          | 21.099817                         | the           | 111.09984                        | phi            | 170.10202                        | ,               |  |
| N              | 3.0000000                          | wl               | .8200000                          | w2              | .0800000                          | w3            | .0600000                         | SF             | .0443964                         | IFr             | .8350849                               |
| PRA<br>Si      | 1.0894047<br>2.898752              | PRB<br>SAB       | .9564908<br>2.677146              | PRC<br>Sf       | 1.2268754<br>3.141618             | L             | .1147690                         | min<br>z       | .0895701<br>.0726022             | max<br>m        | .1986028<br>.0692820                   |
| n              | .0923761                           | gam              | 26.103604                         |                 | 21.099817                         | K<br>the      | 111.09984                        | phi            | 116.10363                        |                 | EL THRUST                              |
| N              |                                    |                  |                                   |                 |                                   |               |                                  | CTT            |                                  | T The           | 90001:00                               |
| N<br>PRA       | 3.0000000<br>1.0855402             | wl<br>PRB        | .2200000<br>.9469619              | w2<br>PRC       | .0800000<br>1.329046              | w3<br>L       | .0600000<br>.0906124             | SF<br>min      | .0443964<br>.0895701             | IFr<br>max      | .8092489<br>.1986028                   |
| Si             | 2.608873                           | SAB              | 2.496208                          | Sf              | 3.141618                          | K             | .001.0423                        | Z              | .0935225                         | m               | .0692820                               |
| n              | .0923761                           | gam              | 26.103604                         |                 | 21.099817                         | the           | 111.09984                        | phi            | 116.10363                        | 2-LEV           | EL THRUST                              |
| N              | 3.0000000                          | wl               | .2200000                          | w2              | .0900000                          | w3            | .0200000                         | SF             | .0406628                         | LFr             | •7916746<br>•2334140                   |
| PRA            | 1.0300000                          | PRB              | 1.0845843                         |                 | 1.2299250                         | L             | .1166477                         | min            | .0891499                         | max             | .2334140                               |
| Si<br>n        | 2.898746<br>.1039231               | SAB              | 2.355105<br>28.685167             | Sf<br>h-al      | 3.141609<br>11.536790             | the           | .0274979                         | Z              | .1011226                         | M<br>V⊤TTV      | .0230940<br>EL THRUST                  |
| **             | • 10/5/2/1                         | Rain             | 50.00)TO                          | U=3L            | TT. 770190                        | one           | TOT • 2 2000T                    | phi            | 1.10.00)19                       | <-1.€V          | TUTOOT.                                |

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|          | 7 0000000 |      | 0000000     | w2 .090     | 00000 w3              | .0300000    | SF      | .0425711  | LFr               | .8312760    |
|----------|-----------|------|-------------|-------------|-----------------------|-------------|---------|-----------|-------------------|-------------|
| N        | 3.0000000 | W]   | .2200000    | PRC 1.15    |                       | .147951     |         | .0926630  | max               | .2253801    |
| PRA      | 1.0400000 | PRB  | 1.0500233   |             | 41607 K               | .055288     |         | .0670555  | m                 | .0346410    |
| Si       | 3.261078  | SAB  | 2.607738    | b-al 13.88  |                       | - 0001      |         | 118.68519 |                   |             |
| n        | .1039231  | gam  | 28.685167   | U=all 1,000 | JO-710 01             | . 107.0004  | ) P     |           |                   |             |
|          |           |      | *****       | 0 000       | 00000 ***             | 030000      | o SF    | .0425711  | LFr               | .7814512    |
| N_       | 3.0000000 | wl   | .2200000    |             | 00000 w3<br>43483 • L | .030000     |         | .0926630  | max               | .2253801    |
| PRA      | 1.0457608 | PRB  | 1.0298718   |             |                       | .0009388    |         | .1141239  | m                 | .0346410    |
| Si       | 2.608879  | SAB  | 2.270579    |             | 41607 K               | 2001        |         | 118.68519 |                   | EL THRUST   |
| n        | .1039231  | gam  | 28.685167   | b-al 13.88  | 36410 th              | e 105.0004, | ) piit  | 110.00719 | , -Lul            | III IIIIODI |
|          | 7 0000000 |      | 0000000     |             | 00000 ***             | .0400000    | ) SF    | .04517.46 | LFr               | .8645754    |
| N        | 3.0000000 | Wl   | .2200000    |             | 00000 w3              |             |         | 0957400   | max               | .2169101    |
| PRA      | 1.0500000 | PRB  | 1.0195366   | PRC 1.15    |                       | .1670132    |         | .0432120  |                   | .0461880    |
| Si       | 3.478498  | SAB  | 2.788908    |             | 11605 K               | .0712733    |         |           | m                 | •0401000    |
| n        | .1039231  | gam  | 28.685167   | b-al 16.26  | 50141 th              | e 106.26016 | o phi   | 118.68519 |                   |             |
|          |           |      |             |             |                       |             |         | -1n -1. C | T. 77             | 0760017     |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              |             |         | .0451746  |                   | .8165941    |
| PRA      | 1.0600272 | PRB  | 1.0151591   | PRC 1.238   | 33190 L               | .1187000    | ) min   | .0957400  | max               | .2169101    |
| Si       | 2.898740  | SAB  | 2.499108    | Sf 3.11     | +1605 K               | .0229601    | L Z     | .0850524  | m                 | .0461880    |
| n        | .1039231  | gam  | 28.685167   | b-al 16.26  | 50141 th              | e 106.26016 | 5 phi   | 118.68519 | 2-LEV             | EL THRUST   |
|          |           | Ü    |             |             |                       |             |         |           |                   |             |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              | .0500000    | ) SF    | .0488358  | LFr               | .8955240    |
| PRA      | 1.0600000 | PRB  | 9945666     | PRC 1.145   |                       | .1798729    |         | .0983659  | max               | 2079890     |
| Si       | 3.623433  | SAB  | 2.934809    |             | +1607 K               | .0815066    | -       | .0243496  | m                 | .0577350    |
| n        |           |      | 28.685167   | b-al 18.66  |                       |             |         | 118.68519 |                   | 311.        |
| 11       | .1039231  | gam  | 20.00)101   | p-ar 10.00  | )2,900 UII            | C 100.00L), | , p.1.1 | 110.00/1/ |                   |             |
| N        | 7 0000000 | 7    | 2200000     | ***         | 00000 w3              | .0500000    | ) SF    | .0488358  | IFr               | .8493891    |
| N<br>PRA | 3.0000000 | Wl   | .2200000    | 2           |                       | 1367359     |         | .0983659  | max               | .2079890    |
|          | 1.0700000 | PRB  | .9929713    |             |                       |             |         | .0617070  | m                 | .0577350    |
| Si       | 3.105793  | SAB  | 2.675990    |             |                       | .0383700    |         | 118.68519 |                   | EL THRUST   |
| n        | .1039231  | gam  | 28.685167   | b-al 18.66  | 62906 th              | e 108.66293 | ) phi   | 110.00519 | Z-1,112 V         | EL TIMODI   |
|          |           |      |             |             |                       |             |         | 01.00750  | T 77-             | 011/2060    |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              | .0500000    |         | .0488358  | LFr.              | .8147869    |
| PRA      | 1.0738795 | PRB  | 9783884     |             | 02510 L               | 1043835     |         | .0983659  | max               | 2079890     |
| Si       | 2.717564  | SAB  | 2.465241    | Sf 3.14     | 11607 K               | .0060176    |         | .0897250  | m                 | .0577350    |
| n        | .1039231  | gam  | 28.685167   | b-al 18.66  | 62906 th              | e 108.66293 | phi     | 118.68519 | 2-LEV             | EL THRUST   |
|          |           |      |             |             |                       |             |         |           |                   | 2055(0)     |
| N        | 3.0000000 | wl   | .2200000    | w2090       | 00000 w3              | •0600000    | ) SF    | .0535116  | ·LFr              | .9255686    |
| PRA      | 1.0700000 | PRB  | .9744672    | PRC 1.137   | 0350 L                | .1891232    | min     | .1005267  | max               | .1986028    |
| Si       | 3.726959  | SAB  | 3.060954    | Sf 3.14     | 1617 K                | .0885964    | Z       | .0082096  | m                 | .0692820    |
| n        | .1039231  | gam  | 28.685167   | b-al 21.09  | 9817 th               | e 111.09984 | phi     | 118.68519 |                   |             |
|          |           |      |             |             |                       |             |         |           |                   | 200-6       |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              | .0600000    |         | .0535116  | LFr               | .8810816    |
| PRA      | 1.0800000 | PRB  | .9723944    | PRC 1.142   | 24260 L               | .1503010    |         | .1005267  | max               | .1986028    |
| Si       | 3.261093  | SAB  | 2.828021    | Sf 3.14     | 1617 K                | .0497743    | Z       | .0418306  | m                 | .0692820    |
| 'n       | .1039231  | gam  | 28.685167   | b-al 21.09  | 9817 th               | e 111.09984 | phi     | 118.68519 | 2-LEV             | EL THRUST   |
|          |           |      |             |             |                       |             |         |           |                   |             |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              | • .0600000  | SF      | .0535116  | LFr               | .8464813    |
| PRA      | 1.0882131 | PRB  | .9640833    | PRC 1.233   |                       | .1201058    | min     | .1005267  | max               | .1986028    |
| Si       | 2.898750  | SAB  | 2.641670    |             | 1617 K                | .0195790    |         | .0679805  | m                 | .0692820    |
| n        | .1039231  | gam  | 28.685167   | b-al 21.09  |                       |             |         | 118.68519 | 2-LEV             | EL THRUST   |
|          |           | 0    |             |             |                       | 1           |         |           |                   |             |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              | .0700000    | SF      | .0594788  | LFr               | .91.26177   |
| PRA      | 1.0900000 | PRB  | .9571888 .  | PRC 1.123   |                       | .1608296    |         | .1021894  | max               | 1887185     |
| Si       | 3.381867  | SAB  | 2.963746    |             | 1614 K                | .0586401    |         | .0241526  | m                 | .0808291    |
| n        | .1039231  | gam  | 28.685167   | b-al 23.57  |                       |             |         | 118.68519 |                   |             |
|          | •10//1/2  | Poma | 20.00)10    | D-022 27.71 | 10)0 011              | 2 22/0/101  | P       |           |                   |             |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              | .0700000    | SF      | .0594788  | LFr               | .8781691    |
| PRA      | 1.0994044 | PRB  | .9522887    | PRC 1.181   | .2427 L               | .1326466    |         | 1021894   | max               | .1887185    |
| Si       | 3.043671  | SAB  | 2.792833    |             | 1614 K                | .0304571    |         | .0485598  | m                 | .0808291    |
| n        | .1039231  | gam  | 28.685167   | b-al 23.57  |                       |             |         | 118.68519 |                   | EL THRUST   |
|          |           | Som  | TO 100 ) TO | N-001 €/•/  | 10)0 OIR              |             | L       |           |                   |             |
| N        | 3.0000000 | wl   | .2200000    | w2 .090     | 00000 w3              | .0700000    | SF      | .0594788  | LFr               | .8499851    |
| PRA      | 1.0991313 | PRB  | .9442421    |             | 6886 L                | .1095886    | min     | 1021894   | max               | 1887185     |
| ·Si      | 2.766976  | SAB  | 2.626225    |             | 1614 K                | .0073992    |         | .0685285  | · m               | .0808291    |
|          |           |      |             |             |                       |             |         | 118.68519 |                   | IL THRUST   |
| n        | .1039231  | gam  | 28.685167   | b-al 23.57  | 7850 the              | 113.57787   | phi     | 110.00213 | ⊂ <u></u> 17€ 7.1 | #100/H      |
|          |           |      |             |             |                       |             |         |           |                   |             |

|           | 11.00                  |                  |                                    |   |            |                                    |                |                                  |                 |                                  |
|-----------|------------------------|------------------|------------------------------------|---|------------|------------------------------------|----------------|----------------------------------|-----------------|----------------------------------|
| N<br>PRA  | 2.898740               | wl<br>PRB<br>SAB | .2200000<br>1.1021438<br>.2.320445 | w2 .1000000<br>PRC 1.228407<br>Sf 3.14160 | 1. L       | .0200000<br>.1.224232<br>.021.7236 | SF<br>min<br>z | .0517025<br>.1006996<br>.0961209 | LFr<br>mex<br>m | .8026028<br>.2334140<br>.0230940 |
| n         | .1154701               | gam              | 31.332067                          | b-al 11.536790                            | o the      | 101.53681                          | phi            | 121.33209                        | 2-LE            | VEL THRUST                       |
| N         | 3.0000000              | wl               | .2200000                           | w2 .1000000                               |            | .0300000                           | SF             | .05361.08                        | LFr             | .8447685                         |
| PRA       | 1.0400000              | PRB              | 1.0699292                          | PRC 1.1411470                             |            | .1537285                           | min            | .1042128                         | max             | .2253801                         |
| Si<br>n   | 3.261094<br>.1154701   | SAB              | <b>2.57</b> 3090<br>31.332067      | Sf 3.14160;<br>b-al 13.886410             |            | .0495157                           | z<br>phi       | .0620521                         | m<br>2_TE       | .0346410<br>VEIL THRUST          |
|           | •11)4101               | <b>ക്രമാ</b> വ   | 71.772001                          | D-ar 17,000+10                            | o une      | 107,000+7                          | Pill           |                                  | <u>سر</u> ۔۔    | · III III.OOI                    |
| N         | 3.0000000              | wl               | .2200000                           | w2 .1000000                               |            | .0400000                           | SF             | .0562143                         | lFr             | .8797302                         |
| PRA<br>Si | 1.0500000<br>3.478491  | PRB<br>SAB       | 1.0372976<br>2.754249              | PRC 1.1178520<br>Sf 3.141603              |            | .1727886                           | min<br>z       | .1072898                         | max             | .2169101<br>.0461880             |
| n         | 1.154701               | gam              | 31.332067                          | b-al 16.260141                            |            | 106.26016                          | phi            | 121.33209                        | ***             | •0102000                         |
|           |                        |                  |                                    |   |            | -1                                 |                | a-Contra                         |                 | 0000=07                          |
| N<br>PRA  | 3.0000000<br>1.0597157 | wl<br>PRB        | .2200000<br>1.02841.89             | w2 .1000000<br>PRC 1.2399975              |            | .0400000<br>.1244755               | SF<br>min      | .0562143                         | LFr<br>max      | .8280583<br>.2169101             |
| Si        | 2.898733               | SAB              | 2.463545                           | Sf 3.141603                               |            | .0171857                           | Z              | .0800507                         | m               | .0461880                         |
| n         | .1154701               | gam              | 31.332067                          | b-al 16.260141                            |            | 106.2601.6                         | phi            | 121.33209                        | 2-LE            | VEL THRUST                       |
| NT        | 7 0000000              |                  | 0000000                            | 0 100000                                  | 7          | 0500000                            | CTP.           | .0598765                         | TFm             | .9119024                         |
| N<br>PRA  | 3.0000000<br>1.0600000 | wl<br>PRB        | .2200000<br>1.0099465              | w2 .1000000<br>•PRC 1.1136445             | -          | .0500000<br>.1856480               | SF<br>min      | .1099156                         | LFr<br>max      | .2079890                         |
| Si        | 3.623426               | SAB              | 2.900150                           | Sf 3.141609                               |            | 0757323                            | • z            | .0193479                         | m               | .0577350                         |
| n         | .1154701               | gam              | 31.332067                          | b-al 18.662906                            | 5 the      | 108.66293                          | phi            | 121.33209                        |                 |                                  |
| N         | 3.0000000              | **1              | .2200000                           | w2 .1000000                               |            | 0500000                            | SF             | .0598765                         | LFr             | .8624716                         |
| PRA       | 1.0700000              | wl<br>PRB        | 1.0069141                          | PRC 1.1812355                             |            | .0500000<br>.1425114               | min            | 1099156                          | max             | 2079890                          |
| Si        | 3.105787               | SAB              | 2.641330                           | Sf 3.141605                               |            | .0325957                           | Z              | .0567053                         | m               | .0577350                         |
| n         | .1154701               | gam              | 31.332067                          | b-al 18.662906                            | the        | 108.66293                          | phi            | 121.33209                        | S-TE            | VEL THRUST                       |
| N         | 3,0000000              | wl               | .2200000                           | w2 .1000000                               | ) w3       | .0500000                           | SF             | .0598765                         | LFr             | .8254004                         |
| PRA       | 1.0689609              | •PRB             | .9869522                           | PRC 1.316855                              | -          | .1.101608                          | min            | .1099156                         | max             | .2079890                         |
| Si        | 2.717580               | SAB              | • 2.417227                         | Sf 3.141605                               |            | .0002452                           | z .            | .0847217                         |                 | .0577350                         |
| n         | .1154701               | gam              | 31.332067                          | b-al 18.662906                            | the the    | 108.66293                          | phi.           | 121.33209                        | 2-LEV           | VEL THRUST                       |
| N         | 3.0000000              | wl               | .2200000                           | w2 .10000000                              |            | .0600000                           | SF             | .0645523                         | LFr             | .9429302                         |
| PRA       | 1.0700000              | PRB              | .9870645                           | PRC 1.1075183                             |            | .1948986                           | min            | .1120765                         | max             | .1986028                         |
| Si        | 3.726952<br>.1154701   | SAB              | 3.026295<br>31.332067              | Sf 3.141615<br>b-al 21.099817             |            | .0828221                           | z<br>phi       | .0032079                         | m               | .0692820                         |
| . n       | •11)4101               | gam              | J.C. J.J. 2001                     | 0=a1 21.099017                            | one        | 111.09904                          | bur            | 121.77209                        |                 |                                  |
| N         | 3.0000000              | wl               | .2200000                           | w2 .1000000                               |            | .0600000                           | SF             | .0645523                         | LFr             | .8954773                         |
| PRA<br>Si | 1.0800000<br>3.261086  |                  | .•9850576<br>2•793362              | PRC 1.1417319<br>Sf 3.141615              |            | .1560764<br>.0440000               | min            | .1120765<br>.0368289             | max             | .1986028<br>.0692820             |
| n         | .1154701               | SAB<br>gam       | 31.332067                          | Sf 3.141615<br>b-al 21.099817             |            | 111.09984                          | z<br>phi       | 121.33209                        | m<br>2-LEV      | EL THRUST                        |
|           |                        |                  |                                    |   |            |                                    | 7              |                                  |                 |                                  |
| N<br>DDA  | 3.0000000<br>1.0861807 | wl               | .2200000                           | w2 .1000000                               |            | .0600000                           | SF             | .0645523                         | LFr             | .8585692                         |
| PRA<br>Si | 2.898743               | PRB<br>SAB       | .9732467<br>2.601118               | PRC 1.2409948<br>Sf 3.141615              |            | .1.258812                          | min            | .11.20765                        | max             | .1986028<br>.0692820             |
| n         | .1154701               | gam              | 31.332067                          | b-al 21.099817                            |            | 111.09984                          | z<br>phi       | 121.33209                        | m<br>2-LEV      | EL THRUST                        |
| 27        | 7                      |                  |                                    |   |            |                                    |                |                                  |                 |                                  |
| N<br>PRA  | 3.0000000<br>1.0900000 | wl<br>PRB        | .2200000<br>.9663708               | w2 .1000000<br>PRC 1.1098814              |            | .0700000<br>.1666050               | SF<br>min      | .0705185<br>.1137392             | IFr<br>max      | .9281311<br>.1887185             |
| Si        | 3.381860               | SAB              | 2.929087                           | Sf 3.141612                               |            | .0528658                           | Z              | •117/792                         | m               | .0808291                         |
| n         | .1154701               | gam              | 31.332067                          | b-al 23.577850                            |            | 113.57787                          | phi            | 121.33209                        |                 | EL THRUST                        |
| N         | 3.0000000              | wl               | .2200000                           | w2 .1000000                               | <b>w</b> 3 | .0700000                           | SF             | .0705185                         | LFr             | .8915320                         |
| PRA       | 1.0983264              | PRB              | .9587401                           | PRC 1.1894465                             | L          | .1.384239                          | min            | .1137392                         | max             | .1887185                         |
| Si        | 3.043687               | SAB              | 2.754906                           | Sf 3.141612                               | K          | .0246847                           | Z              | .0435564                         | - m             | .0808291                         |
| n         | .1154701               | gam              | 31.332067                          | b-al 23.577850                            | the        | 113.57787                          | phi            | 121.33209                        | 2-LEV           | EL THRUST                        |
| N         | 3.0000000              | wl               | .2200000                           | w2 .1000000                               | <b>w</b> 3 | .0700000                           | SF             | .0705185                         | LFr             | .8615866 .                       |
| PRA       | 1.0931056              | PRB              | .9474828                           | PRC 1.287716                              | L          | .1153660                           | min            | .0705185<br>.1137392             | max             | .1887185                         |
| Si        | 2.766992               | SAB              | 2.574906                           | Sf 3.141612                               |            | .0016268                           | Z              | .0635252                         | m               | .0808291                         |
| tr        | .1154701               | gam              | 31.332067                          | b-al 23.577850                            | the        | 113.57787                          | phi            | 121.33209                        | 2-LEV           | EL THRUST                        |

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|   |     | - 0000000 | 7    | 0000000          | ***       | .1000000          | w3  | .0800000   | SF           | .0779619   | LFr                 | .961.0453   |   |
|---|-----|-----------|------|------------------|-----------|-------------------|-----|------------|--------------|------------|---------------------|-------------|---|
|   | N   | 3.0000000 | M.j. | .2200000         | w2<br>PRC | 1.0848162         | L   | .1749668   | min          | .1148822   | mex                 | 1783145     |   |
|   | PRA | 1.1000000 | PRB  | .9529753         | Sf        | 3.141610          | ĸ   | .0600846   | Z            | .0028992   | m                   | .0923761    |   |
|   | Si. | 3.478502  | SAB  | 3.053680         |           | 26.103603         | the | 116.10363  | phi          | 121.33209  |                     | 00,-,,,     |   |
|   | n   | .1.154701 | gam  | 31.332067        | Q=&.!.    | 20.1.05005        | one | 1.00.10,00 | 19111        | 161.       |                     |             |   |
|   |     | -         |      | 0000000          |           | 1000000           | w3  | .0800000   | SF           | .0779619   | LFr                 | .9248057    |   |
|   | N   | 3.0000000 | W]   | .2200000         | w2        | .1000000          |     | .3486130   | min          | .1148822   | max                 | .1783145    |   |
|   | PRA | 1.1091677 | PRB  | .9480343         | PRC       | 1.1454903         | L   |            | Z            | .0257223   | m                   | .0923761    |   |
|   | Si  | 3.162256  | SAB  | 2.892923         | Sf        | 3.141610          | K   | .0337308   | phi          | 121.33209  |                     | VEL THRUST  |   |
|   | n   | .1154701  | gam  | 31.332067        | D-ar      | . 26,103603       | the | 116.10363  | pm           | 121.77209  | ر سیر دے            | VED THEODE  |   |
|   |     | * 0000000 | 1    | 0000000          |           | 1000000           | ••7 | .0800000   | SF           | .0779619   | LFr                 | .8946095    |   |
|   | N   | 3.0000000 | . W] | .2200000         | w2        | .1000000          | w3  |            |              | .1148822   | max                 | .17831.45   |   |
| • | PRA | 1.1100981 | PRB  | .9408267         | PRC       | 1.2208716         | L   | .1.266537  | min          | .0447396   |                     | .0923761    |   |
|   | Si  | 2.898744  | SAB  | 2.735097         | Sf        | 3.141610          | K   | .0117715   | z<br>phi     | 121.33209  | m<br>O_TFT          | VEL THRUST  |   |
|   | n   | .1154701  | gam  | 31.332067        | h-al      | 26.103603         | the | 116.10363  | bur          | 121.77209  | C-143               | VIII TIMOOT |   |
|   |     |           |      |                  |           | 7.700000          | -   | 0000000    | CTD          | .0649490   | LFr                 | .8142147    |   |
|   | N   | 3.0000000 | M.J. | .2200000         | W2        | .1100000          | w3  | .0200000   | SF           |            | max                 | .2334140    |   |
|   | PRA | 1.0300000 | PRB  | 1.1175030        | PRC       | 1.2314685         | L   | .1286888   | min          | .1128922   |                     | .0230940    |   |
|   | Si  | 2.898750  | SAB  | 2.282862         | Sf        | 3.141606          | K   | .0157967   | Z            | .0906947   | m                   | VEL THRUST  |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al      | 11.536790         | the | 101.53681  | phi          | 124.05569  | ٧ابال               | ART THYOST. |   |
|   |     |           |      |                  |           |                   |     |            |              |            |                     | 0=00001     |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0300000   | SF           | .0668574   | LFr                 | .8589821    |   |
|   | PRA | 1.0400000 | PRB  | 1.0892146        | PRC       | 1.1375623.        | L   | .1599922   | min          | .1164053   | max                 | .2253801    |   |
|   | Si  | 3.261082  | SAB  | 2.535495         | Sf        | 3.141603          | K   | .0435869   | Z            | .0566276   | m                   | .0346410    |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al      | 13.886410         | the | 103.88643  | phi          | 124.05569  | 2-LEV               | VEL THRUST  |   |
|   |     |           |      |                  |           |                   |     | 1          |              | - (al. (aa | ***                 | 0056163     |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0400000   | SF           | .0694609   | LFr.                | .8956461    | • |
|   | PRA | 1.0500000 | PRB  | 1.0560231        | PRC       | 1.0950689         | L   | .1790543   | min          | .1194823   | max                 | ·2169101    |   |
|   | Si  | 3.478502  | SAB  | 2.716666         | Sf        | 3.141602          | K   | .0595720   | Z            | .0327841   | m                   | .0461.880   |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al      | 1.6.2601.41       | the | 106.26016  | phi          | 124.05569  | 2-JEV               | EL THRUST   |   |
|   |     |           |      |                  |           |                   |     |            |              |            |                     | 01 .0.1     |   |
|   | N   | 3.0000000 | wl   | .2200000         | W2        | .1100000          | w3  | .0400000   | SF           | .0694609   | $\perp \mathbf{Fr}$ | .8402834    |   |
|   | PRA | 1.0585651 | PRB  | 1.0403775        | PRC       | 1.2464463         | L   | 1307411    | min          | .1194823   | max                 | .2169101    |   |
|   | Si  | 2.898744  | SAB  | 2.422627         | Sf        | 3.141602          | K   | .011.2588  | Z            | .0746245   | m                   | .0461880    |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al      | 16.260141         | the | 106.26016  | phi          | 124.05569  | 2-LEV               | EL THRUST   |   |
|   |     |           | Ü    |                  |           |                   |     |            |              |            |                     |             |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0500000   | SF           | .0731.230  | LFr                 | .9290791    |   |
|   | PRA | 1.0600000 | PRB  | 1.0265093        | PRC       | 1.0830611         | L   | .1919136   | min          | .1221082   | max                 | .2079890    |   |
|   | Si  | 3.623437  | SAB  | 2.862567         | Sf        | 3.141603          | K   | .0698054   | Z            | 0139217    | . m                 | .0577350    |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al.     | 18.662906         | the | 108.66293  | phi          | 124.05569  |                     |             |   |
|   |     |           | G    |                  |           |                   |     |            |              |            |                     | 0-6         |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0500000   | SF           | .0731230   | LFr                 | .8763523    |   |
|   | PRA | 1.0699933 | PRB  | 1.0201172        | PRC       | 1.1827858         | L   | .1487770   | min          | .1221.082  | max                 | .2079890    |   |
|   | Si  | 3.105797  | SAB  | 2.603726         | Sf        | 3.141603          | K   | .0266688   | Z            | .0512791   | m                   | .0577350    |   |
|   | ń   | .1270171  | gam  | 34.055671        | b-al      | 18.662906         | the | 108.66293  | p <b>h</b> i | 124.05569  | 2-LEV               | EI. THRUST  |   |
|   |     |           |      |                  |           |                   | •   |            | •            |            |                     |             |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0600000   | SF           | •0777979   | LFr                 | .9107056    |   |
|   | PRA | 1.0800000 | PRB  | •9978865         | PRC       | 1.1424287         | L   | .1623402   | min          | 1242690    | max                 | .1986028    |   |
|   | Si  | 3.261074  | SAB  | 2.755767         | Sf        | 3.141.613         | K   | .0380712   | Z            | .0314044   | m                   | .0692820    |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al      | 21.099817         | the | 111.09984  | phi          | 124.05569  | 2-LEV               | EL THRUST   |   |
|   |     |           |      |                  |           |                   |     |            |              |            |                     |             |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0600000   | SF           | .0777979   | LFr                 | .8714905    |   |
|   |     | 1.0829015 | PRB  | .9821919         | PRC       | 1.252370          | L   | .1321449   | min          | .1242690   | max                 | .1986028    |   |
|   | Si  | 2.898731  | SAB  | 2.554017         | Sf        | 3.141613          | K   | .0078759   | Z            | .0575542   | m                   | .0692820    |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al      | 21.099817         | the | 111.09984  | phi          | 124.05569  | 2-LEV               | EL THRUST   |   |
|   |     |           |      |                  |           |                   |     | ,          |              | 0          |                     | al.l.c. 0.  |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0700000   | SF           | .0837650   | LFr                 | .9445181    |   |
|   | PRA | 1.0900000 | PRB  | <b>.97</b> 73996 | PRO       | 1.1116202         | L   | 1728706    | min          | 1259317    | max                 | .1887185    |   |
|   | Si  | 3.381871  | SAB  | 2.891503         | Sf        | 3.141610          | K   | .0469389   | z            | .0137247   | m                   | .0808291    |   |
|   | n   | .1270171  | gam  | 34.055671        | b-al      | 23.577850         | the | 113.57787  | phi          | 124.05569  | 2-LEV               | EL THRUST   |   |
|   |     |           |      |                  |           |                   |     |            |              | -0         |                     | 00500       |   |
|   | N   | 3.0000000 | wl   | .2200000         | w2        | .1100000          | w3  | .0700000   | SF           | .0837650   | LFr                 | .9057636    |   |
|   | PRA | 1.0965009 | PRB  | .9670353         | PRC       | 1.1980079         | L   | .1446877   | min          | .1259317   | max                 | .1887185    |   |
|   | Si  | 3.043675  | SAB  | 2.711754         | Sf        | 7.141610          | K   | .0187559   | Z            | .0381319   | m<br>O TIM          | .0808291    |   |
|   | n   | .12701.71 | gam  | 34.055673        | b-al      | <b>23.57</b> 7850 | the | 113.57787  | phi          | 124.05569  | 2-LEV               | D. THRUST   |   |
|   |     |           |      |                  |           |                   |     |            |              |            |                     |             |   |

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| 6   |                       |                        |                 |          |            |            |                      |           |                |
|-----|-----------------------|------------------------|-----------------|----------|------------|------------|----------------------|-----------|----------------|
|     |                       | * 1                    |                 | •        |            |            | -O-m-o-              | 0         |                |
| N · | 3.0000000             | vi. 2200000            | • w2 .1.200000  | w3       | .0200000   | SF         | .0807390             |           | 266697         |
| PRA | 1.0299733             | PRB 1.1297588          | PRC 1.2403733   | L        | .1355019   | min        | .1257893             |           | 334140         |
| Si  | 2.898732              | SAB 2.241887           | Sf 3.141607     | K        | .0097126   | Z          | 0847944              |           | 230940         |
| n   | .1385641              | gam <b>36.8</b> 69821  | b-al 11.536790  | the      | 101.53681  | phi        | 126.86984            | 2-LEVEL   | THRUST         |
|     |                       |                        | 2 200000        |          | 0700000    | CTTS       | 08061:77             | TE- Q     | 740807         |
| N   | 3.0000000             | wl .2200000            | w2 .1200000     | w3       | .0300000   | SF         | .0826473             |           | _              |
| PRA | 1.0400000             | PRB 1.1074859          | PRC 1.1371316   | L        | .1668072   | min        | .1293024             |           | 253801         |
| Si  | 3.261086              | SAB 2.49461.0          | Sf 3.141605     | K        | .0375048   | Z          | .0507257             |           | 346410         |
| n   | .1385641              | gam 36.869821          | b-al 13.886410  | the      | 103.88643  | phi        | 126.86984            | 2-LEVEL   | PHRUST         |
| M   | 3.0000000             | wl .2200000            | w21200000       | w3       | .0400000   | SF         | .0852509             | IFr .9    | 124842         |
| N   |                       |                        | PRC 1.0926545   | -        | .1858673   | min        | .1323794             |           | 169101         |
| PRA | 1.0500000<br>3.478484 | PRB 1.0745332          |                 | L        | .0534879   | Z          | 0268838              |           | 461880         |
| Si  |                       | SAB 2.675769           |                 | K<br>+h- | 1.06.26016 | phi        | 126.86984            | 2-LEVEL   |                |
| n   | .1385641              | gam 36.869821          | b-al 16.260141  | the      | 1.00.20010 | PHI        | 120,00904            | 2-100 101 | IMOOI          |
| N   | 3.0000000             | wl .2200000            | w2 .1200000     | w3       | .0400000   | SF         | .0852509             | IFr .8    | 534327         |
| PRA | 1.0561827             | PRB 1.0505940          | PRC 1.259166    | L        | .1375561   | min        | .1323794             |           | 169101         |
| Si  | 2.898749              | SAB 2.374836           | Sf 3.141603     | K        | .0051767   | z          | .0687226             | m .ol     | 61880          |
| n   | .1385641              | gam 36.869821          | b-al 16.260141  | the      | 106.26016  | phi        | 126.86984            | 2-LEVEL   | THRUST         |
| 11  | 1,00,041              | gan 70.009021          | b-c 0 • 2002-12 | one      | 100010000  | T          |                      |           |                |
| N   | 3.0000000             | wl .2200000            | w2 .1200000     | w3       | .0500000   | SF         | .0889.120            | _         | +72208         |
| PRA | 1.0600000             | PRB 1.0440301          | PRC 1.0664256   | L        | .1987286   | min        | .1350053             | mex .20   | 079890         |
| Si  | 3.623441              | SAB 2.821682           | Sf 3.141605     | K        | .0637233   | Z          | .00801.98            | m .05     | 77350          |
| n   | .1385641              | gam 36.869821          | b-al 18.662906  | the      | 1.08.66293 | phi        | 126.86984            | 2-LEVEL T | THRUST         |
|     |                       |                        |                 | 11.      |            |            |                      | 00        |                |
| N   | 3.0000000             | wl2200000              | w2 .1200000     | w3       | .0500000   | SF         | .0889120             |           | 911991         |
| PRA | 1.0695136             | PRB 1.0323054          | PRC 1.1.881583  | L        | .1555920   | min        | 1350053              |           | 79890          |
| Si  | 3.105802              | SAB (2.561351          | Sf 3.141605     | K        | .0205867   | Z          | .0453772             |           | 77350          |
| n   | .1385641              | <b>gam 36.</b> 869821. | b-al 18.662906  | the      | 108.66293  | phi        | 126.86984            | 2-LEVEL 1 | THRUST         |
| N . | 3.0000000             | wl .2200000            | w2 .1200000     | w3       | .0600000   | SF         | .0935879             | LFr .92   | 269438         |
| PRA | 1.0799853             | PRB 1.0102444          | PRC 1.1454694   | ·L       | .1691551   | min        | .1371662             |           | 86028          |
|     |                       |                        |                 |          |            |            | .0255025             |           | 92820          |
| Si  | 3.261079              | SAB 2.714833           | Sf 3.141615     | K        | .0319890   | Z          | 4 5 4 4 6            | m .Ot     |                |
| n   | .1385641              | gam 36.869821          | b-al 21.099817  | the      | 111.09984  | phi        | 126.86984            | Z⇔TEARE I | TCOM           |
| N   | 3.0000000             | wl .2200000            | w2 .1200000     | w3       | .0600000   | SF         | .0935879             | LFr .88   | 354227         |
| PRA | 1.0777802             | PRB .9900492           | PRC 1.270147    | L.       | .1389599   | min        | .1371662             | max .19   | 86028          |
| Si  | 2.898736              | SAB 2.498287           | Sf 3.141615     | ĸ        | .0017938   | Z          | .0516523             |           | 92820          |
| n   | .1385641              | gam 36.869821          | b-al 21.099817  | the      | 111.09984  | phi        | 126.86984            | 2-LEVEL T |                |
|     | /                     | gam                    | D-000           | 0110     | 222200,70  | F          |                      |           |                |
| N   | 3.0000000             | wl .2200000            | w2 .1.300000    | w3       | .0200000   | SF         | 0994749              |           | 01556          |
| PRA | 1.0290554             | PRB 1.1394305          | PRC 1.256351    | L        | .1429443   | min        | .1394694             |           | 34140          |
| Si  | 2.898746              | SAB 2.194587           | Sf 3.141.605    | K        | .0034750   | Z          | .0783490             | m .02     | 30940          |
| n   | .1501111              | gam 39.791782          | b-al 11.536790  | the      | 101.53681  | phi        | 129.79180            | 2-LEVEL T | HRUST          |
|     |                       |                        |                 |          |            |            |                      |           |                |
| N   | 3.0000000             | wl .2200000            | w2 .1300000     | w3       | .0300000   | SF         | 1013842              |           | 02559          |
| PRA | 1.0400000             | PRB 1.1246556          | PRC 1.1401791.  | L        | .1742477   | min        | .1429825             |           | 53801          |
| Si  | 3.261078              | SAB 2.449958           | Sf 3.141603     | K        | .0312652   | Z          | .0442819             |           | 46410          |
| n . | .1501111              | gam 39.791782          | b-al 13.886410  | the      | 103.88643  | phi        | 129.79180            | 2-LEVEL T | HRUST          |
|     |                       |                        |                 |          | al         |            | 20700/0              | TD: 0-    | olumns         |
| N   | 3.0000000             | wl .2200000            | w2 .1300000     | w3       | .0400000   | SF         | .1039868             |           | 04505          |
| PRA | 1.0500000             | PRB 1.0924508          | PRC 1.0929670   | L        | .1933098   | min        | .1460595             |           | 69101          |
| Si  | 3.478498              | SAB 2.631129           | Sf 3.141601     | K        | .0472503   | Z          | .0204385             |           | 61880          |
| n   | .1501111              | gam 39.791.782         | b-al 16.260141  | the      | 106.26016  | phi        | 129.79180            | 2-LEVEL T | HRUST          |
| N   | 3,0000000             | wl .2200000            | w2 .1300000     | w3       | .0500000   | SF         | .1076489             | LFr .96   | 65356          |
| PRA | 1.0600000             | PRB 1.0613711          | PRC 1.0658682   | L        | .2061691   | min        | 1486854              |           | 79890          |
| Si  | 3.623433              | SAB 2.777030           | Sf 3.141603     | ĸ        | .0574837   | Z          | .0015760             |           | 77350          |
| n   | .1501111              | gam 39.791782          | b-al 18.662906  | the      | 108.66293  |            | 129.79180            | 2-LEVEL T |                |
| -   | ,                     | J. 77 ( J. 10C         |                 | 4110     |            | T          |                      |           |                |
| N   | 3.0000000             | wl .2200000            | w2 .1300000     | w3       | .0500000   | SF .       | .1076489<br>.1486854 | LFr .90'  | 72189<br>79890 |
| PRA | 1.0681961             | PRB 1.0434957          | PRC 1.1982189   | L        | .1630325   | min        | .1486854             |           |                |
| Si  | 3.105793              | SAB 2.512606           | Sf 3.141603     | K        | .0143472   | , <b>Z</b> | .0389334             |           | 77350          |
| n   | .1501111              | gam 39.791782          | b-al 18.662906  | the      | 108.66293  | phi        | 129.79180            | 2-LEVEL T | RUST           |

|     |            |        |   |                  |          |      |            |      |            |                 | •          |
|-----|------------|--------|---|------------------|----------|------|------------|------|------------|-----------------|------------|
|     |            |        | 0000000                                 | •••              | 400000   | ***  | .0300000   | SF   | .1235533   | LFr             | .9077654   |
| N   | 3.0000000  | Wl     | .2200000                                |                  |          | w3   |            |      |            |                 |            |
| PRA | 1.0400000  | PRB    | 1.1402210                               |                  | 1475640  | L    | .1824131   | min  | •1575449   | mex             | .2253801   |
| Si  | 3.261081   | SAB    | 2.400969                                | Sf 3             | 141612   | K    | .0248682   | Z    | .0372105   | m               | .0346410   |
| n   | .1616581   | gem    | 42.843321                               | b-al 13.         | .886410  | the  | 103.88643  | phi  | 1.32.84334 | 2-LE            | VEL THRUST |
| 11  | • 1010)01  | Scarr  | 12.01//22                               | 2 0.13 11.,7     |          |      |            |      |            |                 |            |
|     |            |        |   |                  |          |      | 41.00000   | ~~   | 20(25(0    | T 77            | OlioPorz   |
| N   | 3.0000000  | wl     | .2200000                                | w2 .1            | 400000   | w3   | •0400000   | SF   | .1261568   | LFr             | .9498053   |
| PRA | 1.0500000  | PRB    | 1.1095115                               | PRC 1.0          | 96581.0  | L    | .2014752   | min  | .1606219   | max             | .2169101   |
| Si  | 3.478501   | SAB    | 2.582139                                |                  | 141610   | K    | .0408533   | 2    | .0133671   | m               | .0461880   |
|     |            |        |   |                  |          |      |            |      |            |                 | VEL THRUST |
| n   | .1616581   | gam    | 42.843321                               | b-al 16.         | 2601.41  | the  | 106.26016  | phi  | 132.84334  | تامل=ے          | AET THUOST |
|     |            |        |   |                  |          |      |            |      |            |                 |            |
| N   | 3.0000000  | w]     | .2200000                                | w2 .1            | 500000   | w3   | .0300000   | SF   | .1497965   | lFr             | .9269447   |
| PRA |            |        |   |                  | 604611   | L    | .1914368   | min  | .1731284   | max             | .2253801   |
|     | 1.0400000  | •PRB   | 1.1535594                               |                  |          |      |            |      |            |                 |            |
| Si  | 3.261084   | SAB    | 2.346831                                |                  | 141610   | K    | .0183084   | Z    | .0293958   | m ·             | .0346410   |
| n   | .1732051   | gam    | 46.054220                               | b-al 13.         | 886410   | the  | 103.88643  | phi  | 136.05424  | 2-LEV           | EL THRUST  |
|     | ,,,,,      |        |   |                  |          |      |            |      |            |                 |            |
|     | 7 444444   |        | <b>a</b> l.ooooo                        |                  | linana   | 7    | 0000000    | CTO  | 0107807    | LFr             | .7920981   |
| N   | 3.0000000  | wl.    | .2400000                                | _                | 400000   | w3   | .0200000   | SF   | .0107823   |                 |            |
| PRA | 1.0300000  | PRB    | •9873300                                | PRC 1.           | 460230   | L    | .1044541   | min  | .0400576   | max             | .2129619   |
| Si  | 2.898732   | SAB    | 2.428252                                | Sf 3.            | 139014   | K    | .0643965   | Z    | .0939706   | m               | .0230940   |
|     | .0461880   |        | 17.718849                               | h-al 12.         |          | the  | 102.55570  | phi  | 107.71887  |                 |            |
| n.  | •0401000   | gam    | 11.110049                               | (/=al le         | )))(     | OHC  | 102.77710  | Pila | 701017001  |                 |            |
|     |            |        |   |                  |          |      |            |      |            |                 |            |
| N   | 3.0000000  | wl     | .2400000                                | w2 .0            | 400000   | w3   | .0200000   | SF   | .0107823   | IFr             | .7644177   |
| PRA | 1.0389545  | PRB    | .9799280                                |                  | 552266   | L    | .0440636   | min  | .0400576   | max             | .2129619   |
|     |            |        |   |                  |          |      | .0040060   |      | 1462703    | m ·             | .0230940   |
| Si  | 2.174046   | SAB    | 2.063636                                |                  | 139014   | K    | •          | Z    |            |                 |            |
| n   | .0461880   | gam    | 17.718849                               | b-al 12.         | 555675   | the  | 102.55570  | phi  | 107.71887  | 2=LE\           | EL THRUST  |
|     |            |        |   |                  |          |      |            |      |            |                 |            |
| N   | 3.0000000  | wl     | . 2400000                               | w2 .0            | 500000   | w3   | .0200000   | SF   | .0147743   | LFr             | .8020973   |
|     | ,          |        |   |                  | ,        | _    |            |      |            |                 |            |
| PRA | 1.0300000  | PRB    | 1.0051175                               |                  | 405169   | L    | .1085835   | min  | .0492832   | max             | .2129619   |
| Si  | 2.898735   | SAB    | 2.403479                                | Sf 3.            | 137998   | K    | .0593002   | Z    | •0903944   | m               | .0230940   |
| n   | .0577350   | gam    | 20.354386                               |                  | 555675   | the  | 1.02.55570 | phi  | 110.35441  |                 |            |
| **  | •0/11//0   | South. | 20.00                                   | 0-02 220         | )))      | VIIC | 1.02.0//// | P    |            |                 |            |
|     |            |        |   |                  |          |      |            |      | 40         |                 | •          |
| N   | 5.0000000  | wl     | . 2400000                               | w2 .0            | 500000   | w3   | .0300000   | SF   | .01.68715  | LFr             | .8327179   |
| PRA | 1.0400000  | PRB    | .9803894                                | PRC 1.           | 391724   | L    | .1398087   | min  | .0525895   | max             | .2047211   |
|     |            |        |   |                  |          |      | .0872192   |      | .0562158   | m               | .0346410 • |
| Si  | 5.261082   | SAB    | 2.656597                                |                  | 137487   | K    |            | Z    |            | 111             | •07+0+10   |
| n   | .0577350   | gam    | 20.354386                               | b-al 15.         | 121537   | the  | 105.12156  | phi  | 110.35441  |                 |            |
|     |            |        |   |                  |          |      |            |      |            |                 |            |
| N   | 3,0000000  | wl     | .2400000                                | w2 .0            | 500000   | w3   | .0300000   | SF   | .0168715   | LFr             | .7995005   |
|     |            |        |   |                  |          | -    |            |      |            |                 | 2047211    |
| PRA | 1.0500000  | PRB    | .9776452                                |                  | 391.724  | L    | .0854569   | min  | .0525895   | max             |            |
| Si  | 2.608860   | SAB    | 2.330486                                | Sf 3.            | 137487   | K    | .0328674   | Z    | .1032859   | m               | .0346410   |
| n   | .0577350   | gam    | 20.354386                               | b-al 15.         | 1.21537  | the  | 105.12156  | phi  | 110.35441  |                 |            |
| ••  | •0)11))0   | Ban    | 20.00                                   | D-a. 1).         | 3.64//   | Otto | 10).101/0  | 1    |            |                 |            |
|     | 7 0000000  |        | alianan                                 |                  | (00000   | 7    | 0000000    | CTT  | 0100705    | T 77            | 9102751    |
| M   | 3.0000000  | wl     | .2400000                                | MS .0            | 600000   | w3   | .0200000   | SF   | .0199795   | LFr             | .8123751   |
| PRA | 1.0300000  | PRB    | 1.0250212                               | PRC 1.           | 352179   | L    | .1130657   | min  | .0590319   | max             | .2129619   |
| Si  | 2.898741   | SAB    | 2.376591                                | Sf 3.            | 136649   | K    | .0540338   | Z    | .0865127   | m               | .0230940   |
| n   | .0692820   | gam    | 23.035286                               | b-al 12.         |          | the  | 102.55570  | phi  | 113.03531  |                 |            |
| 11  | •0092020   | Barn   | 2).0))200                               | U-al 12.         | )))()    | 0116 | 102.77710  | DILL | エニノ・ロノノノエ  |                 |            |
|     |            |        |   |                  |          |      |            |      |            |                 | 01 -1      |
| N   | 3.0000000  | wl     | .2400000                                |                  | 500000   | w3   | .0300000   | SF   | .0220766   | LFr             | .8454723   |
| PRA | 1.0400000  | PRB    | .9954514                                | PRC 1.           | 343746   | L    | .1442909   | min  | .0623381   | max             | .2047211   |
| Si  | 3.261088   | SAB    | 2.629710                                | ·· 92 · · · · 3: |          | w.K. | 0819528    | Z    | .0523341   | m               | .0346410   |
| DI  |            |        |   |                  |          |      |            |      |            | C ASSET TAMOUNT | ********** |
| n   | .0692820   | gam    | 23.035286                               | b-al 15.         | 121537   | the  | 105.12156  | phi  | 113.03531  |                 |            |
|     |            |        |   |                  |          |      |            |      |            |                 |            |
| N   | 3.0000000  | wl     | .2400000                                | w2 .00           | 500000   | w3   | .0300000   | SF   | .0220766   | LFr             | .8081026   |
|     | -          |        |   |                  |          |      |            |      |            |                 | 2047211    |
| PRA | 1.0500000  | PRB    | •9943254                                |                  | 369178   | L    | .0899391   | min  | .0623381   | max             |            |
| Sj. | 2.608866   | SAB    | 2.303599                                | Sf 3.            | 1.36138  | K    | .0276010   | Z    | .0994041   | m               | .0346410   |
| n   | .0692820   | gam    | 23.035286                               | b-al 15.         |          | the  | 105.12156  | phi. | 11.3.03531 | 2-LEV           | EL THRUST  |
|     |            | 0      |   |                  |          |      | ,          | 4.   |            |                 |            |
| N   | 3 0000000  | **1    | alianana                                | •••              | 600000   | 7    | alianana   | CTO  | .0249615   | LFr             | .8750210   |
| N   | 3.0000000  | wl     | 2400000                                 |                  | 500000   | w3   | .0400000   | SF   |            |                 |            |
| PRA | 1.0500000  | PRB    | 9743144                                 |                  | 329422   | L    | .1632595   | min  | .0651622   | max             | .1959982   |
| Si  | 3.478491   | SAB    | 2.811424                                | Sf 3.            | 135404 . | K    | .0980974   | · z  | .0283525   | m               | .0461880   |
| n   | .0692820   | gam    | 23.035286                               | b-al 17.         |          | the  | 107.71.887 | phi  | 113.03531  |                 |            |
|     |            | Down   | -,-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ~ COLL ,12 ; •   | , 200.)  | 3120 | 201212001  | L    |            |                 |            |
|     |            |        | _,                                      |                  |          |      |            |      |            |                 | 0=0===0    |
| . N | 3.00000000 | w]     | .2400000                                |                  | 500000   | w3   | .0400000   | SF   | .0249615   | LFr             | .8381128   |
| PRA | 1.0600000  | PRB    | •9713615                                | PRC 1.3          | 329422   | L    | .1149464   | min  | .0651622   | max             | .1959982   |
| Si  | 2.898733   | . SAB  | 2.521545                                |                  | 35404    | K    | .0497842   | z    | .0701929   | m               | .0461880   |
|     |            |        |   |                  |          |      |            |      |            |                 |            |
| n   | .0692820   | gam    | 23.035286                               | b-al 17.7        | (10049   | the  | 107.71887  | phi  | 113.03531  |                 | •          |
|     |            |        |   |                  |          |      |            |      |            |                 |            |

S Section 1

| •                        |                |                                    |                  |                                    |                 |                                  |                      |   |                |   |                     |                                  |
|--------------------------|----------------|------------------------------------|------------------|------------------------------------|-----------------|----------------------------------|----------------------|---|----------------|---|---------------------|----------------------------------|
| •                        | N<br>PRA<br>Si | 3.0000000<br>1.0693545<br>2.484640 | wl<br>PRB<br>SAB | .2400000<br>.9654005<br>2.312894   | w2<br>PRC<br>Sf | .0600000<br>1.404204<br>3.135404 | <b>w</b> 3<br>L<br>K | .0400000<br>.0804386<br>.0152765          | SF<br>min<br>z | .0249615<br>.0651622<br>.1000 <b>7</b> 75 | LFr<br>max<br>m     | .8117504<br>.1959982<br>.0461880 |
|                          | n              | .0692820                           | gam              | 23.035286                          | b-al            | 17.718849                        | the                  | 107.71887                                 | phi            | 113.03531                                 | 2-IE                | EL THRUST                        |
|                          | N<br>PRA<br>Si | 3.0000000<br>1.0300000<br>2.898739 | wl<br>PRB<br>SAB | .2400000<br>1.0463107<br>.2.347349 | w2<br>PRC<br>Sf | .0700000<br>1.302409<br>3.134860 | w3<br>L<br>K         | .0200000<br>.1179390<br>.0485955          | SF<br>min<br>z | .0266209<br>.0693435<br>.0822923          | LFr<br>max<br>m     | .8230171<br>.2129619<br>.0230940 |
| - i-                     | n              | 0808290                            | gam              | 25.771112                          |                 | 12.555675                        | the                  | 102.55570                                 | phi            | 115.77113                                 | 111                 | •02)0940                         |
|                          | N              | 3.0000000                          | wl               | .2400000                           | w2              | .0700000                         | w3                   | •0300000                                  | SF             | .0287170                                  | LFr                 | .8586197                         |
|                          | PRA            | 1.0400000                          | PRB              | 1.0127827                          | PRC             | 1.296735                         | L                    | .1491642                                  | min            | .0726497                                  | max                 | .2047211                         |
|                          | Si<br>n        | 3.261086<br>.0808290               | SAB<br>gam       | 2.600468<br>25.771112              | S.f             | 3.134349<br>15.121537            | K<br>the             | .0765145<br>105.12156                     | z<br>phi       | .0481.137<br>115.77113                    | m                   | .0346410                         |
|                          | 11             | •0000290                           | Son              | C) •     LLLLC                     | U=a.i.          | . <u></u>                        | One                  | 107.12170                                 | DILL           | 1   |                     |                                  |
|                          | N<br>PRA       | 3.0000000<br>1.0500000             | wl               | .2400000<br>1.0114973              | w2              | .0700000<br>1.362461             | w3                   | .0300000<br>.0948124                      | SF<br>min      | .0287170<br>.0726497                      | LFr<br>max          | .8170977<br>.2047211             |
|                          | Si             | 2.608864                           | PRB<br>SAB       | 2.274357                           | PRC<br>Sf       | 3.134349                         | L<br>K               | .0221627                                  | Z              | .0951838                                  | m                   | .0346410                         |
|                          | n              | .0808290                           | gam              | 25.771112                          | b-al            |                                  | the                  | 105.12156                                 | phi            | 115.77113                                 | 2-LEV               | EL THRUST                        |
|                          | N              | 3.0000000                          | wl               | . 2400000                          | W2              | .0700000                         | w3                   | .0400000                                  | SF             | .0316019                                  | lFr                 | .8897762                         |
|                          | PRA            | 1.0500000                          | PRB              | .9874125                           | PRC             | 1.287596                         | L                    | .1681328                                  | min            | .0754738                                  | max                 | 1959982                          |
|                          | Si<br>n        | 3.4 <b>7</b> 8489<br>.0808290      | SAB<br>gam       | 2.782182<br>25.771112              | Sf<br>h-al      | 3.133615<br>17.718849            | K<br>the             | .0926590<br>10 <b>7.7</b> 1887            | z<br>phi       | .0241321<br>115.77113                     | m .                 | .0461880                         |
|                          | *1             | •0000290                           | Ean              | C)•11777C                          | n-a.i.          | 71.110049                        | OHE                  |   | piiz           |   |                     |                                  |
|                          | N<br>PRA       | 3.0000000<br>1.0600000             | wl<br>PRB        | .2400000<br>.9859484               | w2<br>PRC       | .0700000<br>1.287596             | W3                   | .0400000<br>.119819 <b>7</b>              | SF<br>min      | .0316019<br>.0754738                      | LFr<br>max          | .8491 <b>76</b> 4<br>.1959982    |
|                          | Si             | 2.898731                           | SAB              | 2.492303                           | Sf              | 3.133615                         | K                    | .0443459                                  | Z              | .0659726                                  | m                   | .0461880                         |
|                          | n              | .0808290                           | gam              | 25.771112                          | b-al            | 17.718849                        | the                  | 107.71887                                 | phi            | 115.77113                                 |                     |                                  |
| •                        | N              | 3.0000000                          | wl               | .2400000                           | <b>w</b> 2      | .0700000                         | w3                   | .0400000                                  | SF             | .0316019                                  | LFr                 | .8201.790                        |
|                          | PRA            | 1.0678131                          | PRB              | .9762598                           | PRC             | 1.407924                         | L                    | .0853119                                  | min            | .0754738                                  | max                 | 1959982                          |
|                          | Si<br>n        | 2.484638<br>.0808290               | SAB<br>gam       | 2.279822<br>25.771112              | Sf<br>b-al      | 3.133615<br>17.718849            | K<br>the             | .0098381<br>107.71887                     | z<br>phi       | .0958571<br>115.77113                     | m<br>2 <b>-</b> LEV | .0461880<br>EL THRUST            |
|                          | N              | 7 0000000                          | ••1              | .2400000                           | •••             | .0700000                         | w3                   | •0500000                                  | SF             | .0356360                                  | LFr                 | .9195080                         |
|                          | N<br>PRA       | 3.0000000<br>1.0600000             | wl<br>PRB        | .9688296                           | w2<br>PRC       | 1.272715                         | L L                  | .1808891                                  | min            | .0777952                                  | max                 | 1867725                          |
|                          | Si             | 3.623440                           | SAB              | 2.928717                           | Sf              | 3.132598                         | K                    | .1030940                                  | z              | .0050952                                  | m                   | .0577350                         |
|                          | n              | .0808290                           | gam              | 25.771112                          | b-al            | 20.354385                        | the                  | 110.35441                                 | phi            | 115.77113                                 |                     |                                  |
|                          | N              | 3.0000000                          | wl               | .2400000                           | w2 -            | .0700000                         | w3                   | .0500000                                  | SF             | .0356360                                  | LFr                 | .8799629                         |
|                          | PRA<br>Si      | 1.0700000<br>3.105801              | PRB<br>SAB       | •9658079<br>2•669898               | PRC<br>Sf       | 1.272715<br>3.132598             | L<br>K               | <ul><li>1377525</li><li>0599574</li></ul> | min<br>z       | .0777952<br>.0424526                      | max<br>m            | .1.867725<br>.057 <b>7</b> 350   |
|                          | n              | .0808290                           | gam              | 25.771112                          |                 | 20.354385                        | the                  | 110.35441                                 | phi            | 115.77113                                 |                     | •0)  ())                         |
|                          | N              | 3.0000000                          | · wl             | .2400000                           | <b>w</b> 2      | .0700000                         | w3                   | .0500000                                  | SF             | .0356360                                  | LFr                 | .8503046                         |
| en seen en ou out étapes | PRA.           | 1.0800504                          | PRB              | . 9617721                          | PRC             | 1.315516                         | L                    | .1054001                                  | min            | .0777952                                  | max                 | .1867725                         |
|                          | Si<br>n        | 2.717572<br>.0808290               | SAB              | 2.475920<br>25.771112              | Sf<br>b-al      | 3.132598<br>20.354385            | K<br>the             | .0276049<br>110.35441                     | z<br>phi       | .0704706                                  | m<br>2-lev          | .0577350                         |
|                          | <b>N</b> .     |                                    |                  |                                    |                 |                                  |                      | 200                                       | 741.           |   |                     |                                  |
|                          | N<br>PRA       | 3.0000000<br>1.0800752             | wl<br>PRB        | •2400000<br>•9516666               | w2<br>PRC       | .0700000<br>1.430660             | w3<br>L              | .0500000<br>.0802364                      | SF<br>min      | .0356360<br>.077 <b>7</b> 952             | LFr<br>max          | .8272362<br>.1867 <b>7</b> 25    |
|                          | Si             | 2.415608                           | SAB              | 2.300825                           | Sf              | 3.132598                         | K                    | .0024413                                  | Z              | •0922630                                  | m                   | •0577350                         |
|                          | n              | .0808290                           | gam              | 25.771112                          | b-al            | 20.354385                        | the                  | 110.35441                                 | phi            | 115.77113                                 | 2-LEV               | EL THRUST                        |
|                          | N.             | 3.0000000                          | wl               | .2400000                           | w2              | .0800000                         | w3                   | .0200000                                  | SF             | .0349321                                  | LFr                 | .8341198                         |
|                          | PRA<br>Si      | 1.0300000<br>2.898754              | PRB<br>SAB       | 1.0687493<br>2.315550              | PRC<br>Sf       | 1.265804<br>3.132539             | K<br>K               | .1232414<br>.0429904                      | min<br>z       | .0802510<br>.0777002                      | max<br>m            | .2129619<br>.0230940             |
|                          | n              | .0923761                           | gam              | 28.571587                          | b-al            | 12.555675                        | the                  | 102.55570                                 | phi            | 118.57161                                 |                     | EL THRUST                        |
|                          | N              | 3.0000000                          | wl               | .2400000                           | w2              | .0800000                         | w3                   | •0300000                                  | SF             | .0370283                                  | LFr                 | -8722582                         |
|                          | PRA            | 1.0400000                          | PRB              | 1.0315640                          | PRC             | 1.252101                         | L                    | .0300000<br>.1544647                      | min            | .0370283<br>.0835573                      | max                 | .8722582<br>.2047213<br>.0346410 |
|                          | Si<br>n        | 3.261078<br>.0923761               | SAB              | 2.568657<br>28.571587              | Sf<br>b-al      | 3.132028<br>15.121537            | K<br>the             | .07090 <b>7</b> 5                         | z<br>phi       | .0435233<br>118.57161                     | m                   | •0740470                         |
|                          |                | -0/-//01                           | Dean             | -0.01 TOO!                         | D-C.J.          | エノ・ニニエノノ                         | OTIC                 | TO DO TET JO                              | bur            | T.O. 21 TOT                               |                     | ė.                               |

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| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500209<br>2.608856<br>.0923761 | SAB            | .2400000<br>1.0273346<br>2.242599<br>28.571587        | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.359446<br>3.132028<br>15.121537 • | w3<br>L<br>K<br>the  | .0300000<br>.1001129<br>.0165557<br>105.12156  | SF<br>min<br>z<br>phi   | .0370283<br>.0835573<br>.0905934<br>118.57161 | LFr<br>max<br>m<br>2-LEV  | .8265848<br>.2047211<br>.0346410<br>/EL THRUST  |
|---------------------|--|----------------|---|--------------------------|---|----------------------|--|-------------------------|---|---------------------------|---|
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0500000<br>3.478504<br>.0923761 | SAB            | .2400000<br>.0029617<br>2.750382<br>28.571587         | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.2458733<br>3.131294<br>17.718849  | w3<br>I.<br>K<br>the | .0400000<br>.1734352<br>.0870539<br>107.71887  | SF<br>min<br>z<br>phi   | .0399132<br>.0863813<br>.0195401<br>118.57161 | LFr<br>mex<br>m           | .9050551<br>.1959982<br>.0461880                |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.060000<br>2.898746<br>.0923761  | SAB            | .2400000<br>.0029683<br>2.460503<br>28.571587         | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.268857<br>3.131294<br>17.718849   | w3<br>L<br>K<br>the  | .0400000<br>.1251221<br>.0387408<br>107.71887  | SF<br>min<br>z<br>phi   | .0399132<br>.0863813<br>.0613805<br>118.57161 | LFr<br>max<br>m<br>2-LEV  | .8607645<br>.1959982<br>.0461880<br>/EI. THRUST |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0649632<br>2.484630<br>.0923761 |                | .2400000<br>.9874042<br>2.240930<br>28.571587         | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.415144<br>3.131294<br>17.718849   | w3<br>L<br>K<br>the  | .0400000<br>.0906124<br>.0042311<br>107.71887  | SF min z phi            | .0399132<br>.0863813<br>.0912667<br>118.57161 | LFr<br>max<br>m<br>2-LEV  | .8291292<br>.1959982<br>.0461880<br>/EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0600000<br>3.623433<br>.0923761 |                | .2400000<br>.9803098<br>2.896907<br>8.571587          | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.2362512<br>3.130278<br>20.354385  | w3<br>L<br>K<br>the  | .0500000<br>.1861897<br>.0974870<br>110.35441  | SF min z phi            | .0439472<br>.0887027<br>.0005048<br>118.57161 | LFr<br>max<br>m           | .9359875<br>.1867725<br>.0577350                |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0700000<br>3.105793<br>.0923761 | PRB<br>SAB     | .2400000<br>.9783780<br>2.638087<br>8.571587          | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.2362512<br>3.130278<br>20.354385  | w3<br>L<br>K<br>the  | .0500000<br>.1430531<br>.0543504<br>110.35441  | SF<br>min<br>z<br>phi   | .0439472<br>.0887027<br>.0378622<br>118.57161 | LFr<br>max<br>m           | .8931475<br>.1867725<br>.0577350                |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0796051<br>2.717564<br>.0923761 | PRB<br>SAB     | .2400000<br>.9721735<br>2.442898<br>8.571587          | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.318056<br>3.130278<br>20.354385   | w3<br>L<br>K<br>the  | .0500000<br>.1107006<br>.0219979<br>110.35441  | SF<br>min<br>z<br>phi   | .0439472<br>.0887027<br>.0658802<br>118.57161 | LFr<br>max<br>m<br>2-LEV  | .8610172<br>.1867725<br>.0577350<br>EL THRUST   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0800000<br>3.261076<br>.0923761 | PRB<br>SAB     | .2400000<br>.9607752<br>2.790811<br>8.571587          | w2.<br>PRC<br>Sf<br>b-al | .0800000<br>1.2210563<br>3.128929<br>23.035286  | w3<br>L<br>K<br>the  | .0600000<br>.1564999<br>.0659989<br>113.03531  | SF<br>min<br>z<br>phi   | .0491352<br>.0905010<br>.0177743<br>118.57161 | LFr<br>mex<br>m           | .9248133<br>.1770239<br>.0692820                |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0900000<br>2.898733<br>.0923761 | SAB            | .2400000<br>.9574085<br>2.609640<br>8.571587          | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.252328<br>3.128929<br>23.035286   | w3<br>L<br>K<br>the  | .0600000<br>.1263046<br>.0358036<br>113.03531  | SF<br>min<br>z<br>phi   | .0491352<br>.0905010<br>.0439242<br>118.57161 | LFr<br>max<br>m<br>2-LEV  | .8925190<br>•.1770239<br>.0692820<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0945695<br>2.608855<br>.0923761 | PRB<br>SAB     | .2400000<br>.9493114<br>2.450531<br>8.5 <b>7</b> 1587 | w2<br>PRC<br>Sf<br>b-al  | .0800000<br>1.345014<br>3.128929<br>23.035286   | w3<br>L<br>K<br>the  | .0600000<br>.1021481<br>.0116470<br>1.13.03531 | SF<br>min<br>z<br>phi   | .0491352<br>.0905010<br>.0648444<br>118.57161 | LFr<br>max<br>m<br>2-LEV  | .8666830<br>.1770239<br>.0692820<br>EL THRUST   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0300000<br>2.898742<br>.1039231 | PRB 1<br>SAB   | .2400000<br>.0907328<br>2.280885<br>1.448751          | w2<br>PRC<br>Sf<br>b-al  | .0900000<br>1.257947<br>3.129566<br>12.555675   | w3<br>L<br>K<br>the  | .0200000<br>.1290169<br>.0372156<br>102.55570  | SF<br>min<br>z<br>phi   | .0451756<br>.0918013<br>.0726985<br>121.44877 | LFr<br>max<br>m<br>2-LEV  | .8457928<br>.2129619<br>.0230940<br>EL THRUST   |
| N<br>PRA<br>Si<br>n | 3.0000000<br>1.0400000<br>3.261089<br>.1039231 | PRB 1<br>SAB 2 | .2400000 •<br>.0514789<br>2.534004<br>1.448751        | Sf                       | .0900000<br>1.2102728<br>3.129055<br>15.121537  | w3<br>L<br>K<br>the  | .0300000<br>.1602421<br>.0651346<br>105.12156  | * SF<br>min<br>z<br>phi | .0472717<br>.0951075<br>.0385200<br>121.44877 | LFr<br>max<br>m           | .8865061<br>.2047211<br>.0346410                |
| N<br>PRA<br>S1<br>n | 3.0000000<br>1.0494983<br>2.608868<br>.1039231 | PRB 1.         | .2400000<br>.0415907<br>2.206583<br>1.448751          | w2<br>PRC<br>Sf<br>b-al  | .0900000<br>1.361431<br>3.129055<br>15.121537   | w3<br>L<br>K<br>the  | .0300000<br>.1058903<br>.0107828<br>105.12156  | SF<br>min<br>z<br>phi   | .0472717<br>.0951075<br>.0855900<br>121.44877 | LFr<br>max<br>m<br>2-LEVI | .8366804<br>.2047211<br>.0346410<br>EL THRUST   |

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|        |           | 7                      |            |                          |            |                        |                 |                          |           |  |             |                       |
|--------|-----------|------------------------|------------|--------------------------|------------|------------------------|-----------------|--------------------------|-----------|--|-------------|-----------------------|
|        | N<br>PRA  | 3.0000000<br>1.0500000 | wl<br>PRB  | .2400000<br>1.0200631    | w2<br>PRC  | .0900000               | w3<br>L         | .0400000                 | SF<br>min | • .0501576<br>.0979315                 | IFr<br>max  | .9209766<br>.1959982  |
|        | Si<br>n   | 3.478492<br>.1039231   | SAB        | 2.715717<br>31.448751    | Sf         | 3.128321<br>17.718849  | K<br>the        | .0812792<br>107.71887    | z<br>phi  | .0145384<br>121.44877                  | m           | .0461880              |
|        |           |                        |            | 25 6 5 5                 | yy 5       |                        |                 |                          |           |  |             | Omnoomb               |
| •      | N<br>DDA  | 3.0000000              | wl<br>PRB  | .2400000<br>1.0198925    | w2<br>PRC  | .0900000<br>1.264431   | w3<br>L         | .0400000<br>.1308975     | SF<br>min | .0501576                               | LFr<br>max  | .8729954<br>.1959982  |
|        | PRA<br>Si | 1.0600000<br>2.898735  | SAB        | 2.425839                 | Sf         | 3.128321               | K               | .0329660                 |           | .0563788                               | m           | .0461880              |
|        | n         | .1039231               | gam        | 31.448751                |            | 17.718849              | the             | 107.71887                | phi       | 121.44877                              |             | VEL THRUST            |
|        | N         | 3.0000000              | wl         | .2400000                 | w2.        | .0900000               | w3              | .0500000                 | SF        | .0541916                               | LFr         | .9070139              |
|        | PRA       | 1.0700000              | PRB        | .9939003                 | PRC        | 1.2085952              | L               | .1488304                 | min       | .1002529                               | max         | .1867725              |
|        | Si<br>n   | 3.105805<br>.1039231   | SAB<br>gam | 2.603434<br>31.448751    | Sf<br>b-al | 3.127305<br>20.354385  | K<br>the        | .0485775<br>110.35441    | z<br>phi  | .0328588<br>121.44877                  | m<br>2-LE   | 0577350<br>VEL THRUST |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .0900000               | w3              | .0500000                 | SF        | .0541916                               | LFr         | .8724117              |
|        | PRA       | 1.0784762              | PRB        | .9836343                 | PRC        | 1.321872               | L               | .1164780                 | min       | .1002529                               | max         | 1867725               |
|        | Si        | 2.717575               | SAB        | 2.405178                 | Sf         | 3.127305               | K               | .0162251                 | Z         | .0608769                               | m           | •0577350              |
|        | n         | .1039231               | gam        | 31.448751                | b-al       | 20.354385              | the             | 110.35441                | phi       | 121.44877                              | 2-LE        | VEL THRUST            |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .0900000               | w3              | .0600000                 | SF        | .0593786                               | IFr         | .9400110              |
|        | PRA       | 1.0800000              | PRB        | .9716436                 | PRC        | 1.1892924              | L               | .1622772                 | min       | .1020513                               | max         | .1770239              |
|        | Si<br>n   | 3.261087<br>.1039231   | SAB        | 2.756158<br>31.448751    | Sf<br>b-al | 3.125956<br>23.035286  | K.<br>the       | .0602260<br>113.03531    | z<br>phi  | .0127710<br>121.44877                  | m           | .0692820              |
|        |           | •10/92/1               | gam        | )1.0 <del>111</del> 0[)1 | U=a.r      | 2) • 0) ) 200          | one             | 11.7 • O ) ) J 1         | PIII      |  |             |                       |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .0900000               | w3              | .0600000                 | SF        | .0593786                               | LFr         | .9054098              |
|        | PRA       | 1.0899065              | PRB        | .9664309                 | PRC        | 1.256270               | L               | .1320820                 | min       | .1020513<br>.0389208                   | max         | .1770239              |
|        | Si<br>n   | 2.898744<br>.1039231   | SAB<br>gam | 2.574715<br>31.448751    | Sf<br>b-al | 3.125956<br>23.035286  | K<br>the        | .0300308<br>113.03531    | z<br>phi  | 121.44877                              | m<br>2-LEV  | /EL THRUST            |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .0900000               | w3              | .0600000                 | SF        | .0593786                               | LFr         | .8777285              |
|        | PRA       | 1.0905066              | PRB        | .9549894                 | PRC        | 1.360877               | L               | .1079254                 | min       | .1020513                               | max         | .1770239              |
|        | Si        | 2 <b>.6</b> 08866      | SAB        | 2.405279                 | Sf         | 3.125956               | K               | .0058742                 | Z         | .059841.0                              | m           | .0692820              |
|        | n         | .1039231               | gam        | 31.448751                | b-al       | 23.035286              | the             | 113.03531                | phi       | 121.44877                              | 2-LEV       | EL THRUST             |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .0900000               | w3              | .0700000                 | SF        | .0660143                               | LFr         | .9385014              |
|        | PRA       | 1.1000000              | PRB        | .9527765                 | PRC        | 1.2039424              | L               | .1444950                 | min       | .1032866                               | max         | .1667122              |
|        | Si        | 3.043677               | SAB        | 2.723563                 | Sf         | 3.124167               | K               | .0412084                 | Z         | .0192407                               | m<br>O TEM  | .0808291              |
|        | n         | .1039231               | gam        | 31.448751.               | D-al       | 25.771112              | the             | 115.77113                | phi       | 121.44877                              | ۷−۱.۵۱      | EL THRUST             |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .0900000               | w3              | .0700000                 | SF        | .0660143                               | LFr         | .9103184              |
|        | PRA       | 1.1059241              | PRB        | .9457304                 | PRC        | 1.283421               | L               | .1214371                 | min       | .1032866                               | max         | .1667122<br>.0808291  |
|        | Si<br>n   | 2.766982<br>.1039231   | SAB        | 2.573937<br>31.448751    | Sf<br>b-al | 3.1241.67<br>25.771112 | K<br>the        | · .0181505<br>·115.77113 | z<br>phi  | .0392 <del>0</del> 94<br>121.44877     | m<br>2-LEV  | EL THRUST             |
|        | 11        | •10//2/1               | Bonn       |                          | 0-41       | 4/• [ [ 144.2          | one             | 11/0/11/1/               | PIII      |  |             |                       |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .1000000               | w3              | .0200000                 | SF        | .0576620                               | LFr         | .8581715              |
| er kom | PR/       | 1.0300000              | PRB        | 1.1115220<br>2.243018    | PRC        | 1.253736               | L<br>L          | .1353264                 | min       | .1040529<br>.0672344                   | max         | .2129619<br>.0230940  |
|        | Si<br>n   | 2.898732<br>.1154701   | SAB        | 34.417214                |            | 12.555675              | the             | 102.55570                | z.<br>phi | 124.41724                              | m<br>2-1.EV | EL THRUST             |
|        | •         |                        |            |                          |            |                        |                 |                          |           |  |             |                       |
|        | N<br>PRA  | 3.0000000<br>1.0400000 | wl<br>PRB  | .2400000<br>1.0724329    | w2<br>PRC  | .1000000<br>1.1713008  | w3<br>L         | .0300000<br>.1665516     | SF<br>min | .059 <b>7</b> 591<br>.10 <b>73</b> 591 | LFr<br>max  | .9015007<br>.2047211  |
|        | Si        | 3.261079               | SAB        | 2.496136                 | Sf         | 3.125258               | K               | .0591925                 | Z         | .0330558                               | m           | .0346410              |
|        | n         | .1154701               | gam        | 34.417214                |            | 15.121537              | the             | 105.12156                | phi       | 124.41724                              |             |                       |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .1000000               | w3              | .0300000                 | SF        | •0597591                               | LFr         | .8475218              |
|        | PR        | 1.0477853              | PRB        | 1.0539586                | PRC        | 1.370111               | L               | .1121998                 | min       | .1073591                               | max         | .2047211              |
|        | Si        | 2.608857               | SAB        | 2.164246                 | Sf         | 3.125258               | K               | .0048407                 | Z         | .0801258                               | m<br>orby   | .0346410              |
|        | n         | •1154701               | gam        | 34.417214                | LB-d       | 15.121537              | the             | 105.12156                | phi       | 124.41724                              | ∠=1.E.V     | EL THRUST             |
|        | N         | 3.0000000              | wl         | .2400000                 | w2         | .1000000               | <b>w</b> 3<br>L | .0400000                 | SF        | .0626440                               | LFr         | •9376850<br>•1959982  |
|        | PRA<br>Si | 1.0500000<br>3.478482  | PRB<br>SAB | 1.0383617                | PRC<br>Sf  | 1.1680614              | L<br>K          | .1855202                 | min       | .1101831<br>.0090742                   | max         | .1959982<br>.0461880  |
|        | n n       | .1154701               |            | 2.677850<br>34.417214    |            | 3.124524               |                 | .0753371<br>107.71887    | Z         | 124.41724                              | m           | • 0.±0.±000           |
|        | 11        | • TT)+10T              | gam        | 74.4T[CT4                | n-ar       | 17.718849              | the             | TO1.1TO01                | phi       | 164.41/54                              |             |                       |
|        |           |                        |            |                          |            |                        |                 |                          |           |  |             |                       |

| 37       | 3 0000000 | wl.       | .2400000°                               | w2                     | .3.000000 | w3         | .0400000            | SF        | .0626440          | LFr            | .88601.59  |
|----------|-----------|-----------|---|------------------------|-----------|------------|---------------------|-----------|-------------------|----------------|------------|
| N        | 3.0000000 |           | 1.0359649                               | PRC                    | 1.26301.2 | L          | .1372089            | min       | .1101831          | max            | .1959982   |
| PRA      | 1.0600000 | PRB       |   |                        |           |            |                     |           | .0509130          | m              | .0461880   |
| Si       | 2.898747  | SAB       | 2.387983                                | Sf                     | 3.124524  | K          | .0270258            | Z         |                   |                | EL THRUST  |
| n ·      | .1154701  | gam       | 34.417214                               | D=81                   | 17.718849 | the        | 107.71887           | phi       | 124.41.724        | <-1.₽/         | /EL THRUST |
|          |           |           | 1 40                                    |                        |           |            | 0500000             | cora      | 0666701           | T Tilles       | .9217062   |
| N        | 3.0000000 | wl        | .2400000                                | w2                     | .1000000  | w3         | .0500000            | SF        | .0666781          | LFr            |            |
| PRA      | 1.0700000 | PRB       | 1.0099887                               | PRC                    | 1.2054321 | L          | 1551399             | min       | .1125045          | max            | .1867725   |
| Si       | 3.105794  | SAB       | 2.565566                                | Sf                     | 3.123507  | K          | .0426354            | Z         | .0273947          | m              | .0577350   |
| n        | .1154701  | gam       | 34.417214                               | b-al                   | 20.354385 | the        | 11.0.35441          | phi       | 124.41724         | 2-LEV          | EL THRUST  |
|          |           |           |   |                        |           |            |                     |           |                   |                |            |
| N        | 3,0000000 | wl        | .2400000                                | w2                     | .1000000  | <b>w</b> 3 | .0500000            | SF        | .0666781          | LFr            | .8846331   |
| PRA      | 1.0763139 | PRB       | .9948056                                | PRC                    | 1.329624  | L          | .1227875            | min       | .1125045          | mex            | .1867725   |
| Si       |           | SAB       | 2.361433                                | Sf                     | 3.123507  | ĸ          | .0102830            | 2         | .0554127          | m              | .0577350   |
|          | 2.71.7565 |           |   |                        |           |            | 110.35441           | phi       | 124.41724         |                | EL THRUST  |
| n        | .1154701  | gam       | 34.417214                               | b-al                   | 20.354385 | the        | 110.77411           | DIII      | 154.41154         | C-11114        | EL IIIIODI |
|          |           |           | 01.00000                                |                        | 2000000   | - 7        | 0600000             | CTTT      | 0719660           | T Tibes        | .9560757   |
| N        | 3.0000000 | wl        | 2400000                                 | w2                     | .1.000000 | w3         | .0600000            | SF        | .0718660          | LFr            |            |
| PRA      | 1.0800000 | PRB       | •9855669                                | PRC                    | 1.1653946 | L          | .1685867            | min       | .1143028          | max            | .1770239   |
| Si       | 3.261077  | SAB       | 2.718290                                | $\mathtt{S}\mathbf{f}$ | 3.122159  | K          | .0542839            | Z         | .0073068          | m              | •0592820   |
| n        | .1154701  | gam       | 34.417214                               | b-al                   | 23.035286 | the        | 113.03531           | phi       | 124.41724         | 2-LEV          | EL THRUST  |
|          |           | J         |   | •                      |           |            |                     |           |                   |                |            |
| N        | 3,0000000 | wl        | -2400000                                | w2                     | .1000000  | w3         | .0600000            | SF        | .0718660          | LFr            | .9191675   |
| PRA      | 1.0892200 | PRB       | 9771502                                 | PRC                    | 1.260493  | Ľ          | 1383915             | min       |                   | max            | 1770239    |
| Si       | 2.898734  | SAB       | 2.534856                                | Şf                     | 3.122159  | ĸ          | 0240887             | Z         | .0334566          | m              | 0692820    |
|          |           | •         | 34.417214                               |                        | 23.035286 | the        | 113.03531           | phi       | 124.41724         |                | EL THRUST  |
| n        | .1154701  | gam       | 24.411214                               | 0-81                   | 2).0)9200 | one        | エエン・ロンノンエ           | PILL      | 154.41154         | <u>~_1771.</u> | DE TIMOSI  |
| RT       | 7 0000000 | 7         | .2400000                                | <b>w</b> 2             | .1100000  | w3         | .0200000            | SF        | .0727701          | LFr            | .8714333   |
| N        | 3.0000000 | W]        |   |                        |           | -          | 1422463             |           | .1170806          | max            | .2129619   |
| PRA      |           | PRB       | 1.1307608                               | PRC                    | 1.253691  | L          |                     | min       | .0612416          |                | .0230940   |
| Si       | 2.898752  | SAB       | 2.201520                                | Sf                     | 3.120929  | K          | .0251657            | z         |                   | m<br>o resi    |            |
| n        | .1270171  | gam       | 37.495121                               | b-al                   | 12.555675 | the        | 102.55570           | phi       | 127.49514         | Z-LEV          | EL THRUST  |
|          |           |           |   | ,                      |           |            |                     |           | 1044              |                |            |
| N        | 3.0000000 | wl        | .2400000                                | M5                     | .1100000  | <b>w</b> 3 | .0300000            | SF        | .0748663          | LFr            | .9174214   |
| PRA      | 1.0400000 | PRB       | 1.0938897                               | PRC                    | 1.1621275 | L          | .1734696            | min       | .1203868          | max            | .2047211   |
| Si       | 3.261077  | SAB       | 2.454627                                | Sf                     | 3.120418  | K          | .0530828            | z         | .0270647          | m              | .0346410   |
| n        | .1270171  | gem       | 37.4951.21                              |                        | 15.121537 | the        | 105.12156           | phi       | 127.49514         | 2-LEV          | EL THRUST  |
| ••       | •15/01/1  | Ban       | J1 • 4973.CL                            | D-0.1                  | 1/01/1/// | Onc        |                     | P         |                   |                |            |
| N        | 3.0000000 | wl        | 2400000                                 | w2                     | .1.100000 | w3         | .0400000            | SF        | .0777521          | LFr            | .9553690   |
|          | 1.0500000 |           | •                                       |                        | 1.1326938 | L          | .1924400            | min       | .1232108          | max            | .1959982   |
| PRA      |           | PRB       | 1.0577267                               |                        |           |            |                     |           | .0030814          | m              | .0461880   |
| Si       | 3.478503  | SAB       | 2.636352                                | Sf                     | 3.119684  | K          | .0692292            | Z         |                   | 111            | .0401000   |
| n        | .1270171  | gam       | 37.495121                               | b-al                   | 17.718849 | the        | 107.71887           | phi       | 127.49514         |                |            |
|          | 7 0000000 |           | 01.00000                                | •                      | 3300000   | 7          | alicana             | CTO       | <i>∾7777</i> 7€03 | T Time         | .9000063   |
| N        | 3.0000000 | wl        | .2400000                                | W2                     | .1100000  | w3         | .0400000            | SF        | .0777521          | LFr            |            |
| PRA      | 1.0599951 | PRB       | 1.0504034                               | PRC                    | 1.265732  | L          | .1441269            | min       | .1232108          | max            | .1959982   |
| Si       | 2.898745  | SAB       | 2.346458                                | Sf                     | 3.119684  | K          | .0209161            | z         | .044921.8         | m              | .0461880   |
| n        | .1270171  | gam       | 37.495121                               | b-al                   | 17.718849 | the        | 107.71887           | phi       | 127.49514         | 5-TEA          | EL THRUST  |
|          |           |           |   |                        |           |            |                     |           | -00               |                | 0701-0-    |
| N        | 3.0000000 | wl        | .2400000                                | w2                     | 1100000   | w3         | .0500000            | SF        | .0817852          | LFr            | .9374180   |
| PRA      | 1.0700000 | PRB       | 1.0256237                               | PRC                    | 1.2047082 | L          | .1620579            | min       | .1255322          | max            | .1867725   |
| Si       | 3.105792  | SAB       | 2.524057                                | Sf                     | 3.118667  | K          | .0365257            | Z         | .0214035          | m              | .0577350   |
| n        | .1270171  | gam       | 37.495121                               | b-al                   | 20.354385 | the        | 110.35441           | phi       | 127.49514         | 2-LEVE         | EL THRUST  |
|          |           | _         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                        |           |            |                     |           |                   |                |            |
| N        | 3.0000000 | wl        | .2400000                                | w2                     | .1100000  | w3 '       | .0500000            | SF        | .0817852          | LFr            | .8978729   |
| PRA      | 1.0726015 | PRB       | 1.0046879                               | PRC                    | 1.343869  | Ľ          | 1297054             | min       | 1255322           | max            | .1867725   |
| Si       | 2.717563  | SAB       | 2.309835                                | Sf                     | 3.118667  | ĸ          | .0041732            | z         | .0494216          | m              | .0577350   |
|          | .1270171  | gam       | 37.495121                               |                        | 20.354385 | the        | 1.10.35441          | phi       | 127.49514         |                | IL THRUST  |
| n        | •1510TLT  | Ranit     | 71.497121                               | D-91                   | 20.554505 | GHE        | 1.1.0.))441         | pni       | 121.43714         | C-11141        | JI TIMODI  |
| N        | 3.0000000 | 7.07      | alimon                                  | ***                    | 1.000000  | 7          | 000000              | CTD       | .0909662          | T Elec         | .8857985   |
| N<br>PRA |           | wl<br>ppp | .2400000                                | w2                     | .1200000  | w3         | .0200000<br>1108661 | SF<br>min | .1309814          | LFr            | .2129619   |
|          | 1.0300000 | PRB       | 1.1479771                               | PRC                    | 1.258585  | L          | .1498661            |           |                   | max            |            |
| Si       | 2.898741  | SAB       | 2.155790                                | Sf                     | 3.114743  | K          | .0188848            | z         | .0546426          | m<br>o Trans   | .0230940   |
| n        | .1385641  | gem       | 40.705626                               | b-al                   | 12.555675 | the        | 102.55570           | phi       | 130.70565         | Z=LEVE         | IL THRUST  |
|          |           |           | 100                                     |                        |           |            |                     |           |                   |                | ozlaralar  |
| N °      | 3.0000000 | wl        | .2400000                                | wS_                    | .1.200000 | w3         | .0300000            | SF        | .0930624          | LFr            | .9345045   |
| PRA      | 1.0400000 | PRB       | 1.1148431                               |                        | 1.1596234 | L          | .1810913            | min       | .1342876          | max            | .2047211   |
| Si       | 3.261089  | SAB       | 2.408908                                | Sf                     | 3.114231  | K          | .0468038            | Z         | .0204640          | m              | .0346410   |
| n        | .1385641  | gam       | 40.705626                               | b-al                   | 15.121537 | the        | 105.12156           | phi       | 130.70565         | 2-LEVE         | l Thrust   |
|          |           |           |   |                        |           |            |                     |           |                   |                |            |

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| N   | 3.0000000 | wl. | .2400000  | w2   | .1200000  | w3  | .0400000   | sr  | .0959473  |   | LFr   | .9152107   |
|-----|-----------|-----|-----------|------|-----------|-----|------------|-----|-----------|---|-------|------------|
| PRA | 1.0593255 | PRB | 1.0629960 | PRC  | 1.274143  | L   | .1517468   | min | .1371116  |   | max   | .1959982   |
| Si  | 2.898734  | SAB | 2.298767  | Sf   | 3.113497  | K   | .0146352   | z   | .0383229  |   | m     | .0461880   |
| n   | .1385641  | gam | 40.705626 | b-al | 17.718849 | the | 1.07.71887 | phi | 130.70565 |   | 2-LEV | /EL THRUST |
| N   | 3.0000000 | wl  | .2400000  | w2   | .1300000  | w3  | .0200000   | SF  | .1128292  | • | LFr   | .9015551   |
| PRA | 1.0300000 | PRB | 1.1624811 | PRC  | 1.269557  | L   | .1583157   | min | .1458840  |   | max   | .2129619   |
| S1  | 2.898748  | SAB | 2.105099  | Sf • | 3.106780  | K   | .0124317   | z   | .0473251  |   | m     | .0230940   |
| n   | .1501111  | gam | 44.079178 | b-al | 12.555675 | the | 102.55570  | phi | 134.07920 |   | 2-LEV | EL THRUST  |
| N   | 3.0000000 | wl. | .2400000  | w2   | .1300000  | w3  | .0300000   | SF  | .1149254  |   | IFr   | .9530392   |
| PRA | 1.0400000 | PRB | 1.1348853 | PRC  | 1.1606555 | L   | .1895409   | min | .1491902  |   | max   | .2047211   |
| Si  | 3.261.095 | SAB | 2.358217  | Sf   | 3.106269  | K   | .0403507   | z   | .0131465  |   | m     | .0346410   |
| n   | .15011.11 | gam | 44.079178 | b-al | 15.121537 | the | 105.12156  | phi | 134.07920 |   | 2-LEV | TEL THRUST |

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|----------------------|--|-------------------------|---|---------------------------|---|---------------------|--|-----------------------|---|-----------------|----------------------------------|
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322148<br>.0565685 | wl<br>PRB<br>SAB<br>gam | .0600000<br>.9732969<br>3.682330<br>9.830318  | w2<br>PRC<br>Sf<br>b-al   | .0400000<br>:9603794<br>3.243561<br>7.004632  | w3<br>L<br>K<br>the | .0200000<br>.0936642<br>.0423968<br>97.004655  | SF min z phi          | .0142574<br>.0512674<br>.2074096<br>99.830342 | LFr<br>max<br>m | .2986536<br>.3869856<br>.0282843 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322173<br>.0565685 | wl<br>PRB<br>SAB<br>gam | .0800000<br>.9728273<br>3.618697<br>10.339847 | w2<br>PRC<br>Sf<br>b-al   | .0400000<br>.9841244<br>3.199694<br>7.365781  | w3<br>L<br>K<br>the | .0200000<br>.1016216<br>.0502006<br>97.365804  | SF<br>min<br>z<br>phi | .0125494<br>.0514211<br>.1875252<br>100.33987 | LFr<br>max<br>m | .3724651<br>.3668223<br>.0282843 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322207<br>.0707107 | wl<br>PRB<br>SAB<br>gam | .0800000<br>.9806052<br>3.586657<br>11.836985 | w2<br>PRC<br>Sf<br>b-al   | .0500000<br>.9650103<br>3.227792<br>7.365781  | w3<br>L<br>K<br>the | .0200000<br>.1056309<br>.0422441<br>97.365804  | SF<br>min<br>z<br>phi | .0172882<br>.0633868<br>.1846902<br>101.83701 | LFr<br>max<br>m | .3835488<br>.3668223<br>.0282843 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>6.483286<br>.0707107 | wl<br>PRB<br>SAB<br>gam | .0800000<br>.9731831<br>4.727288<br>11.836985 | w2<br>PRC<br>Sf<br>b-al   | .0500000<br>.9599238<br>3.239447<br>8.849800  | w3<br>L<br>K<br>the | .0300000<br>.2400303<br>.1739389<br>98.849823  | SF<br>min<br>z<br>phi | .0197201<br>.0660914<br>.0815680<br>101.83701 | LFr<br>max<br>m | .5088959<br>.3553848<br>.0424264 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322162<br>.0848528 | wl<br>PRB<br>SAB<br>gam | .0800000<br>.9900573<br>3.553302<br>13.342119 | w2<br>PRC<br>Sf<br>b-al   | .0600000<br>.9503664<br>3.272466<br>7.365781  | w3<br>L<br>K<br>the | .0200000<br>.1097946<br>.0341777<br>97.365804  | SF<br>min<br>z<br>phi | .0236044<br>.0756169<br>.1817460<br>103.34214 | IFr<br>max<br>m | .3944349<br>.3668223<br>.0282843 |
| N<br>•PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>6.483303<br>.0848528 | wl<br>PRB<br>SAB<br>gam | .0800000<br>.9782890<br>4.693964<br>13.342119 | w2<br>PRC<br>Sf<br>b-al   | .0600000<br>.9481085<br>3.284120<br>8.849800  | w3<br>L<br>K<br>the | .0300000<br>.2441979<br>.1658763<br>98.849823  | SF<br>min<br>z<br>phi | .0260363<br>.0783216<br>.0786211<br>103.34214 | LFr<br>max<br>m | •5336237<br>•3553848<br>•0424264 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0200000<br>4.322176<br>.0848528 | wl<br>PRB<br>SAB<br>gam | .0800000<br>.9581991<br>3.674377<br>13.342119 | w2<br>PRC<br>Sf<br>b-al   | .0600000<br>.9437968<br>3.302278              | w3<br>L<br>K<br>the | .0400000<br>.1083489<br>.0275847<br>100.33987  | SF<br>min<br>z<br>phi | .0293322<br>.0807641<br>.1664080<br>103.34214 | LFr<br>max<br>m | .4262581<br>.3436852<br>.0565686 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322207<br>.0565685 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9723402<br>3.554964<br>10.905430 |                           | .0400000<br>1.0171984<br>3.176927<br>7.766312 | w3<br>L<br>K        | .0200000<br>.1095924<br>.0580604<br>.97.766335 | SF<br>min<br>phi      | .0116510<br>.0515921<br>.1676191<br>100.90545 | LFr<br>max<br>m | .4431028<br>.3466417<br>.0282843 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322193<br>.0707107 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9802513<br>3.522372<br>12.486886 | w2<br>PRC<br>Sf<br>b-al   | .0500000<br>.9927726<br>3.195258<br>7.766312  | w3<br>L<br>K<br>the | .0200000<br>.1136646<br>.0499969<br>97.766335  | SF<br>min<br>z<br>phi | .0159588<br>.0636677<br>.1647397<br>102.48691 | LFr<br>max<br>m | .4550600<br>.3466417<br>.0282843 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>6.483283<br>.0707107 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9728149<br>4.663274<br>12.486886 | w2<br>PRC<br>Sf<br>b-al   | .0500000<br>.9859619<br>3.202693<br>9.332330  | w3<br>L<br>K<br>the | .0300000<br>.2480316<br>.1817369<br>99.332353  | SF<br>min<br>z<br>phi | .0182133<br>.0662947<br>.0615854<br>102.48691 | LFr<br>max<br>m | .5812874<br>.3351266<br>.0424264 |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322195<br>.0848528 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9898724<br>3.488423<br>14.077758 | w2<br>PRC<br>Sf<br>b-al   | .0600000<br>.9704879<br>3.218953<br>7.766312  | w3<br>L<br>K<br>the | .0200000<br>.1179085<br>.0418846<br>97.766335  | SF<br>min<br>z<br>phi | .0215912<br>.0760239<br>.1617388<br>104.07778 | LFr<br>max<br>m | .4668436<br>.3466417<br>.0282843 |
| N<br>PRA<br>Si<br>n  | 4.000000<br>1.0100000<br>6.483285<br>.0848528  | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9779858<br>4.629325<br>14.077758 | w2<br>PRC<br>Sf<br>b-al   | .0600000<br>.9667829<br>3.226387<br>9.332330  | w3<br>L<br>K<br>the | .0300000<br>.2522755<br>.1736246<br>99.332353  | SF<br>min<br>z<br>phi | .0238447<br>.0786509<br>.0585846<br>104.07778 | IFr<br>max<br>m | .6069193<br>.3351266<br>.0424264 |
| N<br>PRA'<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322166<br>.0848528 | wl<br>PRB<br>SAB<br>gam | .1000000<br>.9574543<br>3.610051<br>14.077758 | w2<br>PRC<br>Sf<br>b-al ] | .0600000<br>.9600796<br>3.237557<br>0.905430  | w3<br>L<br>K<br>the | .0400000<br>.1163883<br>.0353883<br>100.90545  | SF<br>min<br>z<br>phi | .0268688<br>.0810000<br>.1463324<br>104.07778 | LFr<br>max<br>m | •5004711<br>•3233335<br>•0565686 |

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| N            | 4.0000000  | wl        | .1000000             | w2         | .0700000              | w3      | .0200000             | SF   | .0288372   | LFr       | .4784975                                |
|--------------|------------|-----------|----------------------|------------|-----------------------|---------|----------------------|------|------------|-----------|---|
| PRA          | 1.0100000  | PRB       | 1.0004845            | PRC        | .9521002              | L       | 1223393              | min  | .0886848   | max       | 3466417                                 |
|              |            |           | 3.452938             | Sf         | 3.253646              | ĸ       | .0336544             | z    | .1586058   | m         | .0282843                                |
| Si           | 4.322156   | SAB       |                      |            |                       |         | 97.766335            |      | 105.68014  |           | EL THRUST                               |
| n            | •0989950   | gam       | 15.680121            | b-al       | 7.766312              | the     | 91.100333            | phi  | 109.00014  | ۷ بالد= ۲ | ET IUVOST                               |
|              |            |           |                      |            | 000000                | 7       | 0700000              | · cm | 0310017    | TPm       | .6324453                                |
| N            | 4.0000000  | wl        | .1000000             | w2         | .0700000              | w3      | .0300000             | SF   | .0310917   | LFr       |   |
| PRA          | 1.0100000  | PRB       | .9846980             | PRC        | .9501014              | L       | .2567082             | min  | .0913119   | mex       | .3351266                                |
| Si           | 6.483276   | SAB       | 4.593855             | Sf         | 3.261080              | K       | .1653963             | Z    | .0554502   | m         | .0424264                                |
| n            | .0989950   | gam       | 15.680121            | b-al       | 9.332330              | the     | 99.332353            | phi  | 105.68014  |           |   |
|              |            |           |                      |            |                       |         |                      |      | =          |           |   |
| N            | 4.0000000  | wl        | .1000000             | w2         | .0700000              | w3      | .0400000             | SF   | .0341148   | LFr       | .5123701                                |
| PRA          | 1.0200000  | PRB       | .9628737             | PRC        | .9507144              | L       | .1208229             | min  | .0936609   | max       | •3233335                                |
| Si           | 4.322188   | SAB       | 3.574597             | Sf         | 3.272250              | K       | .0271620             | Z    | .1431966   | m         | .0565686                                |
| n            | 0989950    | gam       | 15.680121            |            | 10.905430             | the     | 100.90545            | phi  | 105.68014  | 2-LEV     | EL THRUST                               |
|              | •0,0,,,,   | Dog.      | 1/10001111           |            | 200,00                | -       |                      |      | ,          |           |   |
| 3.7          | 1. 0000000 | ••1       | 1000000              | w2         | .0700000              | w3      | .0500000             | SF   | .0385161   | IFr       | .6139994                                |
| N            | 4.0000000  | Wl        | .1000000             |            |                       |         | .1874237             | min  | .0957277   | max       | .3112581                                |
| PRA          | 1.0200000  | PRB       | .9571403             | PRC        | .9405570              | L       |                      |      | .0875641   |           | .0707107                                |
| Si           | 5.402703   | SAB       | 4.177054             | Sf         | 3.288580              | K       | .0916961             | z    |            | m         | 1011010                                 |
| n            | .0989950   | gam       | 15.680121            | b-al       | 12.486886             | the     | 102.48691            | phi  | 105.68014  |           |   |
|              |            |           |                      |            |                       |         |                      |      | -0         | 11 TE VI  | lace (al.                               |
| N            | 4.0000000  | wl        | .1000000             | w2         | .0800000              | w3      | .0200000             | SF   | .0380221   | LFr       | .4900694                                |
| PRA          | 1.0100000  | PRB       | 1.0111702            | PRC        | .9572813              | L       | .1269646             | min  | .1016471   | max       | .3466417                                |
| Si           | 4.322166   | SAB       | 3.415945             | Sf         | 3.306547              | к •     | .0253175             | Z    | .1553352   | m         | .0282843                                |
| n            | .1131371   | gam       | 17.295137            | b-al       | 7.766312              | the     | 97.766335            | phi  | 107.29516  | 2-LEV     | EL THRUST                               |
|              | •          | 8         | -10-27-21            |            | 1                     |         |                      |      |            |           |   |
| N            | 4.0000000  | wl        | .1000000             | w2         | .0800000              | w3      | .0300000             | SF   | .0402756   | LFr       | .6579075                                |
| PRA          | 1.0100000  | PRB       | .9922826             | PRC        | .9387207              | L       | .2613335             | min  | 1042741    | max       | .3351266                                |
| Si           |            | SAB       | 4.556863             | Sf         | 3.313982              | K       | .1570594             | Z    | .0521796   | m         | .0424264                                |
|              | 6.483286   |           |                      |            |                       |         |                      |      | 107.29516  | ***       | • |
| n            | .1131371   | gem       | 17.295137            | b-al       | 9.332330              | the     | 99.332353            | phi  | 101.29)10  |           |   |
|              |            |           |                      |            | . 0                   |         | -1                   | ~    | al. 70007  |           | F01:0077                                |
| N            | 4.0000000  | wl        | .1000000             | <b>w</b> 2 | .0800000              | w3      | .0400000             | SF   | .0432997   | LFr       | .5242233                                |
| PRA          | 1.0200000  | PRB       | .9681412             | PRC        | .9708753              | L       | .1254482             | min  | .1066232   | max       | •3233335                                |
| Si           | 4.322197   | SAB       | 3.537604             | Sf         | 3.325151              | K       | .0188250             | Z    | .1399260   | m         | .0565686                                |
| n            | .1131371   | gam       | 17.295137            | b-al       | 10.905430             | the     | 100.90545            | phi  | 107.29516  | 2-LEV     | EL THRUST                               |
|              |            |           |                      |            |                       |         |                      |      |            |           |   |
| N            | 4.0000000  | wl        | .1000000             | w2         | .0800000              | w3      | .0500000             | SF   | .0476999   | LFr       | .6328993                                |
| PRA          | 1.0200000  | PRB       | .9608662             | PRC        | .9343488              | L       | .1920490             | min  | .1086899   | max       | .3112581                                |
| Si           | 5.402713   | SAB       | 4.140061             | Sf         | 3.341482              | K       | .0833591             | Z    | .0842935   | m         | .0707107                                |
|              |            |           | 17.295137            |            | 12.486886             | the     | 102.48691            | phi  | 107.29516  |           | 101201                                  |
| and the said | 1131371    | gan       | T(*52)T)             | U=UL.      | 12.40000              | OTIC    | 102.40091            | PILL | 101.29710  |           |   |
| M            | 1, 0000000 | 7         | 1000000              | •••        | .0800000              | w3      | .0600000             | SF   | .0532866   | LFr       | .7565632                                |
| N<br>DDA     | 4.0000000  | wl<br>gag | .1000000<br>.9571476 | w2<br>PRC  | .9294230              | L       | .2585430             | min  | .1104757   | max       | .2989017                                |
| PRA          | 1.0200000  | PRB       | 4.743425             |            |                       | K       | .1480673             | Z    | .0285379   | m         | .0848528                                |
| Si           | 6.483280   | SAB       |                      | Sf         | 3.365177              |         |                      |      | 107.29516  | 711       | .0040)20                                |
| n.           | .1131371   | gam       | 17.295137            | o-al.      | 14.077758             | the     | 104.07778            | phi  | 101.29710  |           |   |
|              |            |           |                      |            | •                     |         |                      |      |            | <u> </u>  | -(-0                                    |
| N            | 4.0000000  | wl        | .1000000             | <b>w</b> 2 | .0800000              | w3      | .0600000             | SF   | .0532866   | LFr       | .5639515                                |
| PRA          | 1.0282837  | PRB       | .9410955             | PRC        | .9782115              | L       | .1234741             | min  | .1104757   | max       | .2989017                                |
| Si           | 4.322178   | SAB       | 3.655455             | Sf         | 3.365177              | K       | .0129984             | z    | .1240461   | m         | .0848528                                |
| n            | .1131371   | gam       | 17.295137            | b-al :     | 14.077758             | the     | 104.07778            | phi  | 107.29516  | 2-LEV     | EL THRUST                               |
|              |            |           |                      |            |                       |         |                      |      |            |           |   |
| N            | 4.0000000  | wl        | .1200000             | w2         | .0400000              | w3      | .0200000             | SF   | .0112105   | LFr       | .5105677                                |
| PRA          | 1.0100000  | PRB       | 9718340              |            | 1.0559853             | L       | .1175747             | min  | .0517837   | max       | .3264411                                |
| Si           | 4.322174   | SAB       | 3.491072             | Sf         | 3.166861              | K       | 0657910              | z    | .1476909   | m         | .0282843                                |
| n            | .0565685   | gam       | 11.536921            | b-al       | 8.213082              | the     | 98.213105            | phi  | 101.53694  | _         |   |
| **           | •0)0)00)   | Som       | 11.0770921           | 0-all      | 0.21,002              | UIIC    | 90.217107            | Pill | 101.77074  |           |   |
| N            | 4.0000000  | 7.77      | .1200000             | 7.70       | 0500000               | ***     | 0200000              | SF   | .0153141   | LFr       | .5234156                                |
| PRA          | 1.0100000  | wl<br>PRB | .9798831             | w2<br>PRC  | .0500000<br>1.0275796 | ₩3<br>T | .0200000<br>.1217232 | min  | .0639818   | max       | .3264411                                |
|              | 4.322195   |           |                      |            |                       | L       | .0577414             |      | .1447574   |           | .0282843                                |
| Si           |            | SAB       | 3.457906             | Sf         | 3.177377              | K       |                      | Z    | 103.21298  | m         | •020204)                                |
| n            | .0707107   | gam       | 13.212954            | b-al       | 8.213082              | the     | 98.213105            | phi  | TOD. CICYO |           |   |
|              | 1          |           |                      |            |                       |         |                      | AL V | 1.5        |           |   |
| N            | 4.0000000  | wl        | .1200000             | w2         | .0500000              | w3      | .0300000             | SF   | .0174828   | LFr       | .6505261                                |
| PRA          | 1.0100000  | PRB       | .9724356             |            | 1.0194186             | L       | .2560520             | min  | .0665213   | max       | .3148384<br>olioloodi                   |
| Si           | 6.483266   | SAB       | 4.599094             | Sf         | 3.182382              | K       | .1895307             | Z    | .0415683   | m         | .0424264                                |
| n            | .0707107   | gam       | 13.212954            | b-al       | 9.870816              | the     | 99.870839            | phi  | 103.21298  |           |   |
|              |            |           |                      |            |                       |         |                      |      |            |           |   |

| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322173<br>.0848528 | wl<br>PRB<br>SAB<br>gem | .1200000<br>.9896796<br>3.423231<br>14.900327  | PRC 1.00<br>Sf 3.1                           | 06046<br>92074                          | w3<br>L<br>K<br>the  | .0200000<br>.1260548<br>.0495725<br>98.213105  | SF<br>min<br>z<br>phi | .0206432<br>.0764823<br>.1416946<br>104.90035  | LFr<br>max<br>m           | .5361042<br>.3264411<br>.0282843              |
|---------------------|--|-------------------------|--|--|---|----------------------|--|-----------------------|--|---------------------------|---|
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>6.483305<br>.0848528 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9776730<br>4.564450<br>14.900327  | PRC .99<br>Sf 3.1                            | 58394 :<br>97079 :                      | w3<br>L<br>K<br>the  | .0300000<br>.2603874<br>.1813657<br>99.870839  | SF<br>min<br>z<br>phi | .0228119<br>.0790218<br>.0385027<br>104.90035  | LFr<br>max<br>m           | .6770859<br>.3148384<br>.0424264              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322163<br>.0848528 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9566797<br>3.545504<br>14.900327  | PRC .98 Sf 3.2                               | 74403 1<br>04460 1                      | w3°<br>L<br>K<br>the | .0400000<br>.1244564<br>.0431895<br>101.53694  | SF<br>min<br>z<br>phi | .0257082<br>.0812669<br>.1262080<br>104.90035  | LFr<br>max<br>m           | .5715666<br>.3029415<br>.0565686              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322201<br>.0989950 | wl PRB<br>SAB<br>gam    | .1200000<br>1.0004939<br>3.386958<br>16.601296 | PRC .976                                     | 63307 I<br>12417 F                      | w3<br>L<br>K<br>the  | .0200000<br>.1305924<br>.0412868<br>98.213105  | SF<br>min<br>z<br>phi | .0274305<br>.0893055<br>.1384860<br>106.60132  | IFr<br>max<br>m           | .5486946<br>.3264411<br>.0282843              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>6.483302<br>.0989950 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9844760<br>4.528162<br>16.601296  | PRC .973                                     | 34423 I<br>17423 I                      | w3<br>L<br>K<br>the  | .0300000<br>.2649231<br>.1730781<br>99.870839  | SF<br>min<br>z<br>phi | .0295992<br>.0918450<br>.0352955<br>106.60132  | LFr<br>max<br>m           | .7035608<br>.3148384<br>.0424264              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322191<br>.0989950 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9621978<br>3.509231<br>16.601296  | PRC .968                                     | B6120 I<br>24803 K                      | #3<br>L<br>{<br>the  | .0400000<br>.1289940<br>.0349039<br>101.53694  | SF<br>min<br>z<br>phi | .0324946<br>.0940901<br>.1229994<br>106.60132  | LFr<br>max<br>m           | .5844307<br>.3029415<br>.0565686              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>5.402719<br>.0989950 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9564632<br>4.112083<br>16.601296  | PRC .960                                     | 03456 I<br>35320 R                      | v3<br>C<br>tHe       | .0500000<br>.1955471<br>.0995130<br>103.21298  | SF<br>min<br>z<br>phi | .0366850<br>.0960342<br>.0673139<br>106.60132  | IFr<br>max<br>m           | .6870175<br>.2907433<br>.0707107              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322154<br>.1131371 | wl<br>PRB<br>SAB<br>gam | .1200000<br>1.0121011<br>3.348978<br>18.317487 | PRC .956<br>Sf 3.2                           | 51070 I<br>10729 K                      |                      | .0200000<br>.1353340<br>.0328808<br>98.213105  | SF<br>min<br>z<br>phi | .0359125<br>.1024533<br>.1351331<br>108.31751  | LFr<br>max<br>m<br>2-LEV  | .5612278<br>.3264411<br>.0282843<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>6.483286<br>.1131371 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9921680<br>4.490196<br>18.317487  | PRC .953<br>Sf 3.24                          | 58606 I<br>15734 K                      | [                    | .0300000<br>.2696667<br>.1646740<br>.99.870839 | SF<br>min<br>z<br>phi | .0380821<br>.1049927<br>.0319413<br>108.31751  | LFr<br>max<br>m           | .7300034<br>.3148384<br>.0424264              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322175<br>.1131371 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9696848<br>3.471266<br>18.317487  | PRC .966                                     | 54534 I<br>53115 K                      |                      | .0400000<br>.1337376<br>.0264997<br>101.53694  | SF<br>min<br>z<br>phi | .0409775<br>.1072379<br>.1196452<br>.108.31751 | LFr<br>max<br>m<br>2-LEV  | .5972815<br>.3029415<br>.0565686<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>5.402734<br>.1131371 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9602330<br>4.074133<br>18.317487  | PRC .946                                     | 54386 L<br>53631 K                      |                      | .0500000<br>.2002926<br>.0911107<br>103.21298  | SF<br>min<br>z<br>phi | .0451670<br>.1091819<br>.0639583<br>108.31751  | LFr<br>max<br>m           | .7069359<br>.2907433<br>.0707107              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>6.483265<br>.1131371 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9565476<br>4.677919<br>18.317487  | PRC .938                                     | 00000 w<br>86760 L<br>8328 K<br>00326 t |                      | .0600000<br>.2667294<br>.1559059<br>104.90035  | SF<br>min<br>z<br>phi | .0504542<br>.1108235<br>.0081412<br>108.31751  | LFr<br>max<br>m           | .8316145<br>.2782428<br>.0848528              |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0298539<br>4.322163<br>.1131371 | wl<br>PRB<br>SAB<br>gam | .1200000<br>.9419099<br>3.596736<br>18.317487  | w2 .080<br>PRC .967<br>Sf 3.27<br>b-al 14.90 |   |                      | .0600000<br>.1316605<br>.0208370               | SF<br>min<br>z<br>phi | .0504542<br>.1108235<br>.1036494<br>108.31751  | LFr<br>max<br>m<br>2-LEVI | .6390028<br>.2782428<br>.0848528<br>IL THRUST |

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|   |  |   |   |  |   |  |   |  | FE C. 1 0  | *   |   |
|---|--|---|---|--|---|--|---|--|--|---|---|
|   |  |   |   | 1  | 0000000   | Z  | .0200000  | SF.  | .0463734   | LFr   | .5737581  |
| N .   | 4.0000000  | wl.   | .1200000  | w2   | .0900000  | w3   |   | min  | 1159348  | max   | .3264411  |
|   | 1.0100000  | PRB   | 1.0222559   | PRC-   | .9698504  | $\mathbf{L}_{i_{n} i_{n} i_{n} i_{n}}$               | .1402989  |  |  |   | .0282843  |
|   |  |   | 3.309272  | Sf   | 3.280929.   | K  | .0243641  | Z  | .1316225   | m   | 3.  |
| SI *  | 4.322166   | SAB   |   | 114  |   |  | 98.213105   | phi  | 110.05091  | 2-IEVE                                      | IL THRUST   |
| n   | .1272792   | gam   | 20.050887   | b-al   | 8.213082  | the  | 90.217107   | Fran   |  |   |   |
|   |  |   | . ,   |  | 4.5   |  |   |  | 1 0-1-0  | T The                                       | 7561610   |
|   | 1  |   | 1200000   | w2   | .0900000  | w3   | .0300000  | SF   | .0485430   | LFr   | .7564612  |
| N   | 4.0000000  | wl  | .1200000  | _  |   |  | .2746315  | min  | .1184742   | max   | .3148384  |
| PRA   | 1.0100000  | PRB   | 1.0004508   | PRC  | .9384436  | L  |   | 3407   | .0284306   | m *   | .0424264  |
|   |  | SAB   | 4.450490  | Sf   | 3.285934  | K  | .1561573  | Z  | .0204500   | भा  | .0424204  |
| Si  | 6.483298   |   |   |  | 9.870816  | the  | 99.870839   | phi.   | 110.05091  |   |   |
| n   | •.1272792  | gam   | 20.050887   | b-al   | 9.010010  | ULIC   | 7,00,000  | •  |  |   |   |
| 1000  | , .  |   |   |  |   |  | -1  | OTT '  | .0514383   | LFr   | .6101685  |
|   | I. 0000000   | wl.   | .1200000  | w2   | .0900000  | <b>w</b> 3   | .0400000  | SF   |  |   |   |
| N   | 4.0000000  |   |   |  | .9845021  | L  | .1387005  | min  | .1207194   | max   | .3029415  |
| PRA   | 1.0200000  | PRB   | .9748257  | PRC  |   |  |   | Z  | .1161359   | m ·   | .0565686  |
| SI  | 4.322157   | SAB.  | 3.431545  | Sf   | 3.293315  | K  | .0179811  |  |  |   | EL THRUST   |
|   |  |   | 20.050887   | b-al   | 11.536921   | the  | 101.53694   | phi  | 110.05091  | Z=1_V                                       | TIMOOT  |
| n   | .1272792   | gam   | 20.0)0001   | D - Ca   |   |  |   |  |  |   |   |
|   |  |   |   |  |   |  | 0500000   | CTD  | .0556278   | LFr   | .7269144  |
| NT  | 4,0000000  | wl  | .1200000  | w2   | .0900000  | w3   | .0500000  | SF   |  |   |   |
| N   |  |   | 9663205   | PRC  | .9343332  | L  | .2052574  | min  | .1226634   | max   | .2907433  |
| PRA   | 1.0200000  | PRB   |   |  |   |  | .0825940  | Z  | .0604477   | m   | •0707107  |
| Si  | 5.402746   | SAB   | 4.034427  | Sf   | 3.303831  | K  |   |  | 110.05091  |   |   |
|   |  | gam   | 20.050887   | b-al   | 13.212954   | the  | 103.21298   | phi  | 110.00031  |   |   |
| n   | .1272792   | Boun  | 20.00001  | -  |   |  |   |  |  |   |   |
|   |  | . 55  |   |  |   |  | .0600000  | SF   | .0609141   | IFr   | .8586989  |
| N ·   | 4.0000000  | wl  | .1200000  | w2   | .0900000  | w3   | . 0000000   |  |  |   | .2782428  |
|   |  | PRB   | .9589997  | PRC  | .9302985  | L  | .2716942  | min  | .1243050   | max   |   |
| PRA   | 1.0200000  |   |   |  |   |  | .1473892  | Z  | .0046306   | • m   | .0848528  |
| Si  | 6.483278   | SAB   | 4.638213  | Sf   | 3.318528  | K  |   |  | 110.05091  | ,   |   |
| -   | .1272792   | gam   | 20.050887   | b-al   | 14.900326   | the  | 104.90035   | ph1  | 110.07091  |   |   |
| n   | *TC  5 35  | Ram   | 20.070001   |  |   |  |   |  |  |   |   |
|   |  |   |   |  |   | 7  | 0600000   | SF   | .0609141   | LFr   | .6523285  |
| N   | 4.0000000  | wl.   | .1200000  | w2   | .0900000  | w3   | .0600000  |  |  | max   | .2782428  |
|   |  | PRB   | .9406297  | PRC  | •9939938  | L  | .1366253  | min  | .1243050   | morv  |   |
| PRA   | 1.0280663  |   |   |  | 3.318528  | K  | .0123203  | Z  | .1001387   | m   | .0848528  |
| Si  | 4.322176   | SAB   | 3.549303  | Sf   |   |  |   |  | 110.05091  | 2-LEV                                       | EL THRUST   |
| n   | .1272792   | gam   | 20.050887   | b-al   | 14.900326   | the  | 104.90035   | phi  | 110.0)0)1  |   |   |
| **  | 1201-17-   | 3   |   |  |   |  |   |  |  |   | -10   |
|   |  |   |   | •  | 0000000   | 7  | .0700000  | SF   | .0676994   | LFr   | .7489519  |
| N   | 4.0000000  | wl  | .1200000  | M.S  | .0900000  | w3   |   | min  | .1256239   | max   | .2654196  |
| PRA   | 1.0300000  | PRB   | .9431278  | PRC  | .9234601  | L  | .1804314  | 111111   |  |   |   |
|   |  |   | 3.982319  | Sf   | 3.338871  | K  | .0548075  | Z  | .0600957   | m   | .0989950  |
| Si  | 5.042534   | SAB   |   |  |   |  | 106.60132   | phi  | 110.05091  |   |   |
| n   | .1272792   | gam   | 20.050887   | b-al   | 16.601296   | the  | 100.001)5   | PILL   | 1,0000,00  |   |   |
| ٠.  | *  |   |   |  |   |  | •   |  | 01   |   | -067057   |
|   |  |   | 1,000,000   | ••   | .1000000  | w3   | .0200000  | SF   | .0591784   | LFr   | .5863257  |
| N   | 4.0000000  | . wl  | .1200000  | w2_  |   | -  |   | min  | ,1297602   | max   | .3264411  |
| PRA   | 1.0100000  | PRB   | 1.0282228   | PRC  | .9942704  | L  | .1454945  |  | 1070196  |   | .0282843  |
| Si  | 4.322175   | SAB   | 3.267715  | Sf   | 3.340688  | K  | .0157342  | Z  | .1279486   | m   |   |
| 51  |  |   |   | b-al   | 8,213082  | the  | 98.213105   | phi  | 111.80365  | 2-14:                                       | EL THRUST   |
| n   | .1414214   | gam   | 21.803625   | 0-87   | 0,21,002  | VIIC   | ,00000,000  |  |  |   |   |
|   |  |   |   |  |   |  |   | ~  | .0613470   | LFr   | .7829857  |
| NT  | 4.0000000  | wl  | .1200000  | w2   | .1000000  | w3   | .0300000  | SF   |  |   | 721.0701  |
| N   |  |   | 1 0001 Plin   | PRC  | .9292103  | L  | .2798271  | min  | .1322997   | max   | .3148384  |
| PRA   | 1.0100000  | PRB   | 1.0091840   |  |   |  |   |  | .0247567   |   | .0424264  |
| Si  | 6.483306   | SAB   | 4.408934  |  |   |  | コルクにクフル   | 7  |  | m   |   |
|   |  |   |   | Sf   | 3.345693  | K  | .1475274  | Z  |  | m .   | .0.12.120.1   |
| n   | 1 1 1 1 1 1 1 1 1  |   |   |  |   | K<br>the   | .1475274<br>99.870839   | z<br>phi   | 111.80365  | m .   | 10421201  |
|   | .141,4214  | gam   | 21.803625   | b-al   |   |  | .1475274  |  |  | m.  |   |
|   | .1414214   |   | 21.803625   | b-al   | 9.870816  | the  | 99.870839   | phi  | 111.80365  |   |   |
|   |  | gam   |   | b-al<br>w2   | 9.870816  | the w3.  | 99.870839   | phi<br>SF  | 111.80365  | LFr   | .6231499  |
| N   | 4.0000000  | gam<br>wl   | 21.803625   | b-al<br>w2   | 9.870816  | the  | 99.870839   | phi  | 111.80365<br>.0642424<br>.1345449  |   | .6231499<br>.3029415  |
| N<br>PRA                                    | 4.0000000<br>1.0192353   | gam<br>wl<br>PRB  | 21.803625<br>.1200000<br>.9763751   | b-al<br>w2<br>PRC  | 9.870816<br>.1000000<br>1.0140279   | the w3.  | 99.870839<br>.0400000<br>.1438980   | phi<br>SF<br>min                                     | 111.80365<br>.0642424<br>.1345449  | LFr<br>max<br>m                             | .6231499<br>.3029415  |
| N   | 4.0000000  | gam<br>wl   | .1200000<br>.9763751<br>3.386698  | b-al<br>w2<br>PRC<br>Sf  | 9.870816<br>.1000000<br>1.0140279<br>3.353074   | the<br>w3.<br>L<br>K                                 | .0400000<br>.1438980<br>.0093532  | phi<br>SF<br>min<br>z                                | .0642424<br>.1345449<br>.1124607   | LFr<br>max<br>m                             | .6231499<br>.3029415  |
| N<br>PRA<br>Si                              | 4.0000000<br>1.0192353<br>4.322195   | gam<br>wl<br>PRB<br>SAB   | .1200000<br>.9763751<br>3.386698  | b-al<br>w2<br>PRC<br>Sf  | 9.870816<br>.1000000<br>1.0140279   | the w3.  | 99.870839<br>.0400000<br>.1438980   | phi<br>SF<br>min                                     | 111.80365<br>.0642424<br>.1345449  | LFr<br>max<br>m                             | .6231499<br>.3029415  |
| N<br>PRA                                    | 4.0000000<br>1.0192353   | gam<br>wl<br>PRB  | 21.803625<br>.1200000<br>.9763751   | b-al<br>w2<br>PRC<br>Sf  | 9.870816<br>.1000000<br>1.0140279<br>3.353074   | the<br>w3.<br>L<br>K                                 | .0400000<br>.1438980<br>.0093532  | phi<br>SF<br>min<br>z                                | .0642424<br>.1345449<br>.1124607<br>111.80365  | LFr<br>max<br>m<br>2-LE                     | .6231499<br>.3029415<br>.0565686<br>/EL_THRUST  |
| N<br>PRA<br>Si                              | 4.000000<br>1.0192353<br>4.322195<br>.1414214  | wl<br>PRB<br>SAB<br>gam   | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625  | b-al<br>w2<br>PRC<br>Sf<br>b-al  | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921  | w3.<br>L<br>K<br>the                                 | .0400000<br>.1438980<br>.0093532<br>101.53694   | phi<br>SF<br>min<br>z<br>phi                         | .0642424<br>.1345449<br>.1124607<br>111.80365  | LFr<br>max<br>m                             | .6231499<br>.3029415  |
| N<br>PRA<br>Si                              | 4.0000000<br>1.0192353<br>4.322195   | gam<br>wl<br>PRB<br>SAB   | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000  | b-al w2 PRC Sf b-al w2   | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000  | the w3. L K the                                      | .0400000<br>.1438980<br>.0093532<br>101.53694   | phi<br>SF<br>min<br>z<br>phi<br>SF                   | .0642424<br>.1345449<br>.1124607<br>111.80365  | LFr<br>max<br>m<br>2-LF                     | .6231499<br>.3029415<br>.0565686<br>/EL_THRUST<br>.7469978  |
| N<br>PRA<br>Si<br>n                         | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000   | gam wl PRB SAB gam wl   | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000  | b-al<br>w2<br>PRC<br>Sf<br>b-al  | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921  | w3.<br>L<br>K<br>the                                 | .0400000<br>.1438980<br>.0093532<br>101.53694<br>.0500000<br>.2104511   | phi<br>SF<br>min<br>z<br>phi<br>SF<br>min            | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889  | LFr<br>max<br>m<br>2-LE                     | .6231499<br>.3029415<br>.0565686<br>/EL_THRUST<br>.7469978<br>.2907433  |
| N<br>PRA<br>Si<br>n<br>N<br>PRA             | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.0200000   | wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB                                | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510  | b-al w2 PRC Sf b-al w2 PRC   | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913  | the w3. L K the                                      | .0400000<br>.1438980<br>.0093532<br>101.53694<br>.0500000<br>.2104511   | phi<br>SF<br>min<br>z<br>phi<br>SF                   | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752  | LFr<br>max<br>m<br>2-LF                     | .6231499<br>.3029415<br>.0565686<br>/EL_THRUST<br>.7469978  |
| N<br>PRA<br>Si<br>n                         | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.020000<br>5.402724  | wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB                         | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510<br>3.992855  | b-al w2 PRC Sf b-al w2 PRC Sf  | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590  | the w3. L K the                                      | .0400000<br>.1438980<br>.0093532<br>101.53694<br>.0500000<br>.2104511<br>.0739623   | phi<br>SF<br>min<br>z<br>phi<br>SF<br>min<br>z       | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752  | LFr<br>max<br>m<br>2-LE                     | .6231499<br>.3029415<br>.0565686<br>/EL_THRUST<br>.7469978<br>.2907433  |
| N<br>PRA<br>Si<br>n<br>N<br>PRA             | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.0200000   | wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB                                | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510  | b-al w2 PRC Sf b-al w2 PRC Sf  | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913  | the w3. L K the                                      | .0400000<br>.1438980<br>.0093532<br>101.53694<br>.0500000<br>.2104511   | phi<br>SF<br>min<br>z<br>phi<br>SF<br>min            | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889  | LFr<br>max<br>m<br>2-LE                     | .6231499<br>.3029415<br>.0565686<br>/EL_THRUST<br>.7469978<br>.2907433  |
| N<br>PRA<br>Si<br>n<br>N<br>PRA<br>Si       | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.020000<br>5.402724  | wl<br>PRB<br>SAB<br>gam<br>wl<br>PRB<br>SAB                         | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510<br>3.992855  | b-al w2 PRC Sf b-al w2 PRC Sf  | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590  | the w3. L K the                                      | 99.870839<br>.040000<br>.1438980<br>.0093532<br>101.53694<br>.050000<br>.2104511<br>.0739623<br>103.21298                   | phi SF min z phi SF min z phi                        | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365   | LFr<br>max<br>m<br>2-LET<br>LFr<br>max<br>m | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107  |
| N<br>PRA<br>S1<br>n<br>N<br>PRA<br>S1<br>n  | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.0200000<br>5.402724<br>.1414214   | gam Wl PRB SAB gam Wl PRB SAB gem                                   | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510<br>3.992855<br>21.803625   | b-al w2 PRC Sf b-al w2 PRC Sf b-al                                       | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590<br>13.212954   | the w3. L K the w3 L K the                           | 99.870839<br>.040000<br>.1438980<br>.0093532<br>101.53694<br>.050000<br>.2104511<br>.0739623<br>103.21298                   | phi<br>SF<br>min<br>z<br>phi<br>SF<br>min<br>z       | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365   | LFr<br>max<br>m<br>2-LE                     | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107  |
| N<br>PRA<br>S1<br>n<br>N<br>PRA<br>S1<br>n  | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>5.402724<br>.1414214   | gam wl PRB SAB gam wl PRB SAB gam wl Vl                             | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510<br>3.992855<br>21.803625<br>.1200000                                 | b-al  W2 PRC Sf b-al  W2 PRC Sf b-al                                     | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590<br>13.212954<br>.1000000                               | the w3. L K the w3 L K the                           | 99.870839<br>.0400000<br>.1438980<br>.0093532<br>101.53694<br>.0500000<br>.2104511<br>.0739623<br>103.21298<br>.0600000     | phi SF min z phi SF min z phi SF                     | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365   | LFr<br>max<br>m<br>2-LET<br>LFr<br>max<br>m | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107  |
| N<br>PRA<br>S1<br>n<br>N<br>PRA<br>S1<br>n  | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.020000<br>5.402724<br>.1414214<br>4.000000<br>1.020000  | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam                    | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510<br>3.992855<br>21.803625<br>.1200000<br>.9637101                     | b-al w2 PRC Sf b-al w2 PRC Sf b-al w2 PRC Sf b-al                        | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590<br>13.212954<br>.1000000<br>.9252689                   | the w3. L K the w3 L K the                           | 99.870839 .040000 .1438980 .0093532 101.53694 .050000 .2104511 .0739623 103.21298 .0600000 .2768879                         | phi SF min z phi SF min z phi sF min min             | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365   | LFr max m 2-LFr max m                       | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107  |
| N<br>PRA<br>S1<br>n<br>N<br>PRA<br>S1<br>n  | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.020000<br>5.402724<br>.1414214<br>4.000000<br>1.020000  | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam                    | 21.803625<br>.1200000<br>.9763751<br>3.386698<br>21.803625<br>.1200000<br>.9737510<br>3.992855<br>21.803625<br>.1200000<br>.9637101                     | b-al  W2 PRC Sf b-al  W2 PRC Sf b-al  W2 PRC Sf Sf Sf                    | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590<br>13.212954<br>.1000000<br>.9252689<br>3.378287       | the w3. L K the w3 L K the K the                     | 99.870839  .040000 .1438980 .0093532 101.53694  .0500000 .2104511 .0739623 103.21298  .0600000 .2768879 .1387574            | phi SF min z phi SF min z phi z phi SF min z         | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.0009581                           | LFr max m 2-LET max m                       | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107  |
| N PRA S1 n N PRA S1 n N PRA S1              | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>1.0200000<br>5.402724<br>.1414214<br>4.0000000<br>1.0200000<br>6.483255                          | gam wl PRB SAB gam wl PRB SAB gem wl PRB SAB gem                    | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641                                       | b-al  W2 PRC Sf b-al  W2 PRC Sf b-al  W2 PRC Sf Sf Sf                    | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590<br>13.212954<br>.1000000<br>.9252689<br>3.378287       | the w3. L K the w3 L K the K the                     | 99.870839 .040000 .1438980 .0093532 101.53694 .050000 .2104511 .0739623 103.21298 .0600000 .2768879                         | phi SF min z phi SF min z phi sF min min             | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365   | LFr max m 2-LFr max m                       | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107  |
| N<br>PRA<br>S1<br>n<br>N<br>PRA<br>S1<br>n  | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.000000<br>1.020000<br>5.402724<br>.1414214<br>4.000000<br>1.020000  | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam                    | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641                                       | b-al  W2 PRC Sf b-al  W2 PRC Sf b-al  W2 PRC Sf Sf Sf                    | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590<br>13.212954<br>.1000000<br>.9252689                   | the w3.L K the w3 L K the the                        | 99.870839  .040000 .1438980 .0093532 101.53694  .0500000 .2104511 .0739623 103.21298  .0600000 .2768879 .1387574            | phi SF min z phi SF min z phi z phi SF min z         | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.0009581                           | LFr max m 2-LFr max m                       | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107  |
| N PRA S1 n N PRA S1 n N PRA S1              | 4.000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>1.0200000<br>5.402724<br>.1414214<br>4.0000000<br>1.0200000<br>6.483255                          | gam wl PRB SAB gam wl PRB SAB gem wl PRB SAB gem                    | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641                                       | b-al  W2 PRC Sf b-al  W2 PRC Sf b-al  W2 PRC Sf Sf Sf                    | 9.870816<br>.1000000<br>1.0140279<br>3.353074<br>11.536921<br>.1000000<br>.9271913<br>3.363590<br>13.212954<br>.1000000<br>.9252689<br>3.378287       | the w3.L K the w3 L K the the                        | 99.870839 .040000 .1438980 .0093532 101.53694 .050000 .2104511 .0739623 103.21298 .0600000 .2768879 .1387574 104.90035      | phi SF min z phi SF min z phi z phi phi              | 111.80365<br>.0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.0009581<br>111.80365 | LFr max m 2-LFr max m  LFr max m            | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107<br>.8859139<br>.2782428<br>.0848528              |
| N PRA S1 n PRA S1 n                         | 4.0000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>5.402724<br>.1414214<br>4.0000000<br>6.483255<br>.1414214                                       | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam                    | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641 21.803625                             | b-al w2 PRC Sf b-al w2 PRC Sf b-al w2 PRC Sf b-al                        | 9.870816 .1000000 1.0140279 3.353074 11.536921 .1000000 .9271913 3.363590 13.212954 .1000000 .9252689 3.378287 14.900326                              | the w3.L K the w3 L K the the                        | 99.870839  .040000 .1438980 .0093532 101.53694  .0500000 .2104511 .0739623 103.21298  .0600000 .2768879 .1387574 104.90035  | phi SF min z phi SF min z phi SF min z phi SF min SF | 111.80365<br>.0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.009581<br>111.80365  | LFr max m 2-LFr max m  LFr max m            | .6231499<br>.3029415<br>.0565686<br>.0565686<br>.7EL THRUST<br>.7469978<br>.2907433<br>.0707107<br>.8859139<br>.2782428<br>.0848528 |
| N PRA S1 n N PRA S1 n N PRA S1 n            | 4.0000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>5.402724<br>.1414214<br>4.0000000<br>6.483255<br>.1414214<br>4.0000000                          | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB         | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641 21.803625                             | b-al  w2 PRC  Sf b-al  w2 PRC  Sf b-al  w2 PRC  Sf b-al  w2 PRC  Sf b-al | 9.870816 .1000000 1.0140279 3.353074 11.536921 .1000000 .9271913 3.363590 13.212954 .1000000 .9252689 3.378287 14.900326                              | the w3.L K the w3 L K the w3 L K the                 | 99.870839 .040000 .1438980 .0093532 101.53694 .050000 .2104511 .0739623 103.21298 .0600000 .2768879 .1387574 104.90035      | phi SF min z phi SF min z phi z phi phi              | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.009581<br>111.80365               | LFr max m  LFr max m  LFr max m             | .6231499<br>.3029415<br>.0565686<br>.0565686<br>.7EL THRUST<br>.7469978<br>.2907433<br>.0707107<br>.8859139<br>.2782428<br>.0848528 |
| N PRA S1 n N PRA S1 n N PRA S1 n N PRA S1 n | 4.0000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>5.402724<br>.1414214<br>4.0000000<br>6.483255<br>.1414214<br>4.0000000<br>1.0231317             | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB             | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641 21.803625  .1200000 .9389969          | b-al  w2 PRC  Sf b-al  w2 PRC  Sf b-al  w2 PRC  Sf b-al  w2 PRC  Sf b-al | 9.870816 .1000000 1.0140279 3.353074 11.536921 .1000000 .9271913 3.363590 13.212954 .1000000 .9252689 3.378287 14.900326 .10000000 1.0319362          | the w3. L K the w3 L K the w3 L K the                | 99.870839  .040000 .1438980 .0093532 101.53694  .050000 .2104511 .0739623 103.21298  .0600000 .2768879 .1387574 104.90035   | phi SF min z phi SF min z phi SF min z phi SF min SF | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.009581<br>111.80365               | LFr max m 2-LFr max m  LFr max m            | .6231499<br>.3029415<br>.0565686<br>.0565686<br>.7EL THRUST<br>.7469978<br>.2907433<br>.0707107<br>.8859139<br>.2782428<br>.0848528 |
| N PRA S1 n N PRA S1 n N PRA S1 n            | 4.0000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>5.402724<br>.1414214<br>4.0000000<br>6.483255<br>.1414214<br>4.0000000                          | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB         | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641 21.803625                             | b-al  w2 PRC Sf b-al  w2 PRC Sf b-al  w2 PRC Sf b-al  w2 PRC Sf b-al     | 9.870816 .1000000 1.0140279 3.353074 11.536921 .1000000 .9271913 3.363590 13.212954 .1000000 .9252689 3.378287 14.900326 .10000000 1.0319362 3.378287 | the w3.L K the w3 L K the w3 L K the                 | 99.870839  .0400000 .1438980 .0093532 101.53694  .0500000 .2104511 .0739623 103.21298  .0600000 .2768879 .1387574 104.90035 | phi SF min z phi SF min z phi SF min z phi SF min z  | 111.80365<br>.0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.009581<br>111.80365  | LFr max m LFr max m  LFr max m              | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107<br>.8859139<br>.2782428<br>.0848528              |
| N PRA S1 n N PRA S1 n N PRA S1 n            | 4.0000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>5.402724<br>.1414214<br>4.0000000<br>6.483255<br>.1414214<br>4.0000000<br>1.0231317<br>4.322184 | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB SAB gam | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641 21.803625  .1200000 .9389969 3.486419 | b-al  w2 PRC Sf b-al  w2 PRC Sf b-al  w2 PRC Sf b-al  w2 PRC Sf b-al     | 9.870816 .1000000 1.0140279 3.353074 11.536921 .1000000 .9271913 3.363590 13.212954 .1000000 .9252689 3.378287 14.900326 .10000000 1.0319362 3.378287 | the w3. L K the w3 L K the w3 L K the                | 99.870839  .040000 .1438980 .0093532 101.53694  .050000 .2104511 .0739623 103.21298  .0600000 .2768879 .1387574 104.90035   | phi SF min z phi SF min z phi SF min sF min z phi    | .0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.009581<br>111.80365               | LFr max m LFr max m  LFr max m              | .6231499<br>.3029415<br>.0565686<br>.0565686<br>.7EL THRUST<br>.7469978<br>.2907433<br>.0707107<br>.8859139<br>.2782428<br>.0848528 |
| N PRA S1 n N PRA S1 n N PRA S1 n N PRA S1 n | 4.0000000<br>1.0192353<br>4.322195<br>.1414214<br>4.0000000<br>5.402724<br>.1414214<br>4.0000000<br>6.483255<br>.1414214<br>4.0000000<br>1.0231317             | gam wl PRB SAB gam wl PRB SAB gam wl PRB SAB gam wl PRB             | 21.803625  .1200000 .9763751 3.386698 21.803625  .1200000 .9737510 3.992855 21.803625  .1200000 .9637101 4.596641 21.803625  .1200000 .9389969 3.486419 | b-al  w2 PRC Sf b-al  w2 PRC Sf b-al  w2 PRC Sf b-al  w2 PRC Sf b-al     | 9.870816 .1000000 1.0140279 3.353074 11.536921 .1000000 .9271913 3.363590 13.212954 .1000000 .9252689 3.378287 14.900326 .10000000 1.0319362          | the w3.L K the w3 L K the w3 L K K K K K K K K K K K | 99.870839  .0400000 .1438980 .0093532 101.53694  .0500000 .2104511 .0739623 103.21298  .0600000 .2768879 .1387574 104.90035 | phi SF min z phi SF min z phi SF min z phi SF min z  | 111.80365<br>.0642424<br>.1345449<br>.1124607<br>111.80365<br>.0684328<br>.1364889<br>.0567752<br>111.80365<br>.0737190<br>.1381305<br>.009581<br>111.80365  | LFr max m LFr max m  LFr max m              | .6231499<br>.3029415<br>.0565686<br>/EL THRUST<br>.7469978<br>.2907433<br>.0707107<br>.8859139<br>.2782428<br>.0848528              |

| N         | 4.0000000               | wl.<br>PRB | .1200000<br>.9448779  | w2<br>PRC  | .1000000<br>.9221653           | w3<br>L     | ,0700000<br>.1856270          | SF<br>min   | .0805044<br>.1394494          | LFr<br>max | .7672691<br>.2654196                    |
|-----------|-------------------------|------------|-----------------------|------------|--------------------------------|-------------|-------------------------------|-------------|-------------------------------|------------|---|
| PRA<br>Si | 1.0300000<br>5.042542   | SAB        | 3.940762              | Sf         | 3.398630                       | K           | .0461776                      | Z           | .0564219                      | m          | .0989950                                |
| n         | .1414214                | ·gam       | 21.803625             | b-al       | 1.6.601296                     | the         | 106.60132                     | phi<br>—    |                               |            | Omolood                                 |
| N<br>PRA  | 1.0300000               | wl<br>PRB  | .1200000<br>.9430250  | w2<br>PRC  | .1000000<br>.91.6 <b>7</b> 956 | <b>w</b> ,3 | .0800000<br>.2293167          | , SF<br>min | .0890074<br>.1404438          | LFr<br>max | .8794994<br>.2522718                    |
| Şi        | 5.762891                | SAB        | 4.366341              | Sf         | 3.426942                       | K           | .0888730                      | z<br>. phi  | .0162317<br>111.80365         | m          | .1131371                                |
| n         | .1414214                | gam        | 21.803625             | b-al       | 18.317487                      | the         | 108.31751                     | . piir      |                               |            |   |
| N<br>PRA  | 4.0000000<br>1.01.00000 | wl<br>PRB  | .1400000<br>.9713079  | w2<br>PRC  | .0400000                       | w3<br>L     | .0200000<br>.12557 <b>7</b> 9 | SF<br>min   | .0110836<br>.0519984          | LFr        | .5748730<br>.3062159                    |
| Si        | 4.322187                | SAB        | 3.427060              | Sf         | 3.158949                       | K           | .0735796                      | Z           | .1277304                      | m          | .0282843                                |
| n         | .0565685                | gam        | 12.246622             | b-al       | 8.714620                       | the         | 98.714643                     | phi         | 102.24664                     |            |   |
| N         | 4.0000000               | wl         | .1400000              | w2         | .0500000                       | w3          | .0200000                      | SF          | .0151291<br>.0643371          | LFr        | •5886164<br>•3062159                    |
| PRA<br>Si | 1.0100000               | PRB        | •9794993<br>3•393175  | PRC<br>Sf  | 1.0675890<br>3.165964          | L<br>K      | .1298084<br>.0654714          | min<br>z    | .1247390                      | m          | .0282843                                |
| n         | .0707107                | gam        | 14.029656             | b-al       | 8.714620                       | the         | 98.714643                     | phi         | 104.02968                     |            |   |
| N         | 4.0000000               | wl         | .1400000              | w2         | .0500000                       | w3          | .0300000                      | SF          | .0172701                      | LFr        | .7166329                                |
| PRA<br>Si | 1.0100000<br>6.483284   | PRB        | .9720443<br>4.534720  | PRC<br>Sf  | 1.0582037<br>3.169388          | L<br>K      | .2641010<br>.19 <b>73213</b>  | min<br>z    | .0667798<br>.0215070          | max        | .2945165<br>.0424264                    |
| n         | .0707107                | gam        | 14.029656             | b-al       | 10.475587                      | the         | 100.47561                     | phi         | 104.02968                     |            | 10121201                                |
| N         | 4.0000000               | wl         | .1400000              | w2         | .0600000                       | w3          | .0200000                      | SF          | .0203600                      | LFr        | .6022329                                |
| PRA       | 1.0100000               | PRB        | .9894782              | PRC        | 1.0366757                      | L           | .1342449                      | min         | .0769990<br>.1216019          | max        | .3062159<br>.0282843                    |
| Si<br>n   | 4.322187<br>.0848528    | SAB        | 3.357724<br>15.826319 | Sf<br>b-al | 3.175597<br>8.714620           | K<br>the    | .0572459<br>98.714643         | z<br>phi    | 105.82634                     | m          | •02020+)                                |
| N         | 4.0000000               | ••1        | .1400000              | w2         | .0600000                       | w3          | .0300000                      | SF          | .0225010                      | LFr        | .7441254                                |
| PRA       | 1.0100000               | wl<br>PRB  | .9773494              |            | 1.0310066                      | L           | .2685337                      | min         | 0794417                       | max        | 2945165                                 |
| Si        | 6.483264                | SAB        | 4.499238              | Sf         | 3.179021                       | K           | .1890920                      | z<br>phi    | .0183726<br>105.82634         | m          | .0424264                                |
| n         | .0848528                | gam        | 15.826319             | b-al       | 10.475587                      | the         | 100.47561                     | pni         |                               |            | ((-                                     |
| N<br>PRA  | 4.0000000               | wl<br>PRB  | •1400000<br>•9558732  | w2<br>PRC  | .0600000<br>1.0211689          | w3<br>L     | .0400000<br>.1325588          | SF<br>min   | .0253630<br>.0815690          | LFr<br>max | .6395569<br>.2825017                    |
| Si        | 4.322181                | SAB        | 3.480703              | Sf         | 3.184019                       | K           | .0509898                      | Z           | .1060256                      | m          | 0565686                                 |
| n         | .0848528                | gam        | 15.826319             | b-al       | 12.246622                      | the         | 102.24664                     | phi         | 105.82634                     |            |   |
| N         | 4.0000000               | wl         | .1400000              | w2         | .0700000                       | w3          | .0200000<br>.1388989          | SF<br>min   | .0269966<br>.0900082          | LFr        | .6157770<br>.3062159                    |
| PRA<br>Si | 1.0100000               | PRB<br>SAB | 1.0005039<br>3.320477 | PRC<br>Sf  | 1.0080891<br>3.188570          | L<br>K      | .0488907                      | Z           | .1183111                      | m          | .0282843                                |
| n         | •0989950                | gam        | 17.639436             | b-al       | 8.714620                       | the         | 98.714643                     | phi         | 107.63946                     |            |   |
| N         | 4.0000000               | wl         | 1.400000              | w2         | .0700000                       | w3          | .0300000                      | SF          | .0291376                      | LFr        | •7715769                                |
| PRA<br>Si | 1.01.00000<br>6.483309  | PRB<br>SAB | .9842459<br>4.462022  | PRC<br>Sf  | 1.0044785<br>3.191994          | L<br>K      | .2731915<br>.1807406          | min<br>z    | .0924509<br>.0150 <b>7</b> 91 | max<br>m   | .2945165<br>.0424264                    |
| n         | .0989950                | gam        | 17.639436             |            | 10.475587                      | the         | 100.47561                     | phi         | 107.63946                     |            |   |
| N         | 4.0000000               | wl         | .1400000              | MS.        | .0700000                       | w3          | .0400000                      | SF          | .0319996                      | LFr        | .6534109                                |
| PRA<br>Si | 1.0200000<br>4.322165   | PRB<br>SAB | .9614757<br>3.443455  | PRC<br>Sf  | •9985353<br>3•196992           | L<br>K      | .1372128<br>.0426346          | min<br>z    | .0945782<br>.1027348          | max<br>m   | .2825017<br>.0565686                    |
| n         | 0989950                 | gam        | 17.639436             |            | 12.246622                      | the         | 102.24664                     | phi         | 107.63946                     |            | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| N         | 4.0000000               | wl         | .1400000              | w2         | .0700000                       | w3          | .0500000                      | SF          | .0361261                      | LFr        | .7569847                                |
| PRA<br>Si | 1.0200000               | PRB<br>SAB | .9557605<br>4.046771  | PRC<br>Sf  | .9885737<br>3.204007           | L<br>K      | .2037144<br>.1.073329         | min<br>z    | .0963815<br>.0469862          | max<br>m   | .2701628<br>.0707107                    |
| n         | •0989950                | gam        | 17.639436             |            | 14.029655                      | the         | 104.02968                     | phi         | 107.63946                     |            | 110101                                  |
| N         | 4.0000000               | wl         | .1400000              | w2         | .0800000                       | w3          | .0200000                      | SF          | .0352411                      | LFr        | .6292992                                |
| PRA<br>Si | 1.0100000<br>4.322141   | PRB        | 1.0122669<br>3.281398 | PRC        | •9823869                       | L<br>K      | .1437798<br>.0404128          | min         | .1033670<br>.1148597          | max        | .3062159<br>.0282843                    |
| n         | .1131371                | SAB        | 19.470994             | Sf<br>b-al | 3.205966<br>8.714620           | the         | 98.714643                     | z<br>phi    | 109.47102                     | m          | •0202049                                |
|           |                         | -          |                       |            |                                |             |                               | -           |                               |            |   |

Bunnymaji Sekatakan B

|           | 6                    | ହି ଅ                         |                               |         |            |      |                      |        |                      |
|-----------|----------------------|------------------------------|-------------------------------|---------|------------|------|----------------------|--------|----------------------|
| N         | 4.0000000            | w1 .1400000                  | w2 .0800000                   | w3      | .0300000   | SF   | .0373831             | LFr    | .7990265             |
| PRA       | 1.0100000            | PRB .9920489                 | PRC .9800348                  | L       | .2780724   | min  | .1058097             | max    | .2945165             |
| Si        | 6.483278             | SAB 4.422943                 | Sf 3.209390                   | K       | .1722627   | Z    | .0116278             | m      | .0424264             |
| n         | .1131371             | gam 19.47099L                | b-al <sub>10.475587</sub>     | the     | 100.47561  | phi  | 109.47102            |        |                      |
| N         | 4.0000000            | wl .1400000                  | w2 .0800000                   | w3      | .0400000   | SF   | .0402441             | LFr    | .6672964             |
| PRA       | 1.0200000            | PRB .9695233                 |                               | L       | 1420975    | min  | .1079370             | max    | .2825017             |
| Si        | 4.322195             | SAB 3.404408                 |                               | K       | .0341605   | Z    | 0992808              | m      | .0565686             |
| n         | .1131371             | gam 19.470994                |                               | the     | 102.24664  | phi  | 109.47102            |        |                      |
|           |                      |                              |                               |         |            | •    |                      |        |                      |
| N         | 4.0000000            | wl .1400000                  |                               | w3      | •0500000   | SF   | .0443716             | LFr    | .7779560             |
|           | 1.0200000            | PRB •9595738                 | PRC .9703218                  | L       | .2085972   | min  | .1097403             | max    | .2701628             |
| Si        | 5.402745             | SAB 4.007708                 | Sf 3.221404                   | K       | .0988569   | Z    | •0435335             | m      | .0707107             |
| n         | .1131371             | gam 19.470994                | b-al 14.029655                | the     | 104.02968  | phi  | 109.47102            |        |                      |
| N         | 4.0000000            | wl .1400000                  | w2 .0800000                   | w3      | .0600000   | SF   | .0495615             | LFr    | .7110672             |
| PRA       | 1.0300000            | PRB .9422757                 | PRC .9709891                  | L       | .1399040   | min  | .1112206             | max    | .2575009             |
| Si        | 4.322165             | SAB 3.531421                 | Sf 3.231037                   | K       | .0286835   | Z    | .0831536             | m      | .0848528             |
| n         | .1131371             | gam 19.470994                |                               | the     | 105.82634  | phi  | 109.47102            | 2-LEV  | EL THRUST            |
| N         | 4.0000000            | wl .1400000                  | w2 .0900000                   | 7       | .0200000   | SF   | .0453358             | LFr    | .6428614             |
| N<br>PRA  |                      | wl .1400000<br>PRB 1.0243785 | w2 .0900000<br>PRC .9728648   | w3<br>L | .1489048   | min  | .1170873             | max    | .3062159             |
| Si        | 1.0100000 · 4.322158 | SAB 3.240416                 | Sf 3.229339                   | K       | .0318175   | Z    | .1112358             | m      | .0282843             |
| n         | 1.272792             | gam 21.323511                | b-al 8.714620                 | the     | 98.714643  | phi  | 111.32353            |        | EL THRUST            |
| •         | • **=  **=  **       | Bun LI. JEJJJII              | p-222 0.17 toro               | One     | •          | P114 |                      |        | 22.002               |
| N         | 4.0000000            | wl .1400000                  | w2 .0900000                   | w3      | .0300000   | SF   | .0474777             | LFr    | .8265390             |
| PRA       | 1.0100000            | PRB 1.0004579                | PRC .9584630                  | L       | .2831955   | min  | .1195300             | max    | 2945165              |
| Si        | 6.483265             | SAB 4.381945                 | Sf 3.232763                   | K       | .1636655   | Z    | .0080052             | m      | .0424264             |
| n,        | .1272792             | gam 21.323511                | b-al 10.475587                | the     | 100.47561  | phi  | 111.32353            |        |                      |
| N         | 4.0000000            | wl .1400000                  | w2 .0900000                   | w3 '    | .0400000   | SF   | •0503397             | LFr    | .6812592             |
| PRA       | 1.0200000            | PRB .9775069                 | PRC .9847982                  | L       | .1472187   | min  | .1216573             | max    | .2825017             |
| Si        | 4.322152             | SAB 3.363394                 | Sf 3.237762                   | K       | .0255614   | Z    | .0956595             | m      | .0565686             |
| n         | .1272792             | gem 21.323511                | b-al 12.246622                | the     | 102.24664  | phi  | 111.32353            | 2-LEVI | EL THRUST            |
| N         | 4.0000000            | wl .1400000                  | w2 .0900000                   | w3      | .0500000   | SF   | .0544663             | LFr    | .7990303             |
| PRA       | 1.0200000            | PRB 9657454                  | PRC .9523885                  | L       | .2137184   | min  | .1254606             | · max  | .2701628             |
| Si        | 5.402702             | SAB 3.966694                 | Sf 3.244776                   | K       | .0902578   | Z    | .0399122             | m      | .0707107             |
| n         | .1272792             | gam •21.323511               | b-al 14.029655                | the     | 1.04.02968 | phi  | 111.32353            |        |                      |
| N         | 4.0000000            | wl .1400000                  | w2 .0900000                   | W3      | .0600000   | SF   | .0596562             | LFr    | .7255211             |
| PRA       | 1.0297707            | PRB .9423429                 | PRC .9897114                  | L       | .1450272   | min  | .1249408             | max    | .2575009             |
| Si        | 4.322153             | SAB 3.489431                 | Sf 3.254409                   | K       | .0200864   | Z    | .0795310             | m      | .0848528             |
| n         | .1272792             | gam 21.323511                | b-al 15.826319                | the     | 105.82634  | phi  | 111.32353            |        | L THRUST             |
|           |                      |                              |                               |         |            |      |                      |        | 0                    |
| N         | 4.0000000            | wl .1400000                  | w2 .0900000                   | w3      | .0700000   | SF   | .0662909             | LFr    | .8232622             |
| PRA<br>Si | 1.0300000            | PRB .9421592                 | PRC .9373337                  | L       | .1887684   | min  | .1260738             | max    | .2444917             |
|           | 5.042543             | SAB 3.915632                 | Sf 3.267382<br>b-al 17.639436 | K       | .0626946   | Z    | .0394024             | m      | .0989950             |
| n         | .1272792             | gam 21.323511                | b-al 17.639436                | the     | 107.63946  | phi  | 111.32353            |        |                      |
| N         | 4.0000000            | wl .1400000                  | w2 .1000000                   | w3      | .0200000   | SF   | .0575323             | LFr    | .6565161             |
| PRA       | 1,0100000            | PRB 1.0336458                | PRC .9867263                  | L       | .1542854   | min  | .1311821             | max    | .3062159             |
| Si        | 4.322178             | SAB 3.197391                 | Sf 3.261101                   | K       | .0231034   | Z    | .1074311             | m      | .0282843             |
| n         | .1414214             | gam 23.199708                | b-al 8.714620                 | the     | 98.714643  | phi  | 113.19973            | 2-LEVE | I THRUST             |
| N         | 4.0000000            | wl .1400000                  | w2 .1000000                   | w3      | .0300000   | SF   | .0596743             | LFr    | .8541689             |
| PRA       | 1.0100000            | PRB 1.0093323                | PRC .9404673                  | L       | .2885742   | min  | .1336248             | max    | .2945165             |
| Si        | 6.483255             | SAB 4.338905                 | Sf 3.264524                   | K       | .1549495   | Z    | .0042018             | m ·    | .0424264             |
| n         | .1414214             | gam 23.199708                | b-al 10.475587                | the     | 100.47561  | phi. | 113.19973            |        |                      |
| N         | 4.0000000            | wl .1400000                  | w2 .1.000000                  | w3      | .0400000   | SF   | 0605360              | LFr    | 6052725              |
| PRA       | 1.0200000            | PRB .9820000                 | PRC 1.0027358                 | L       | 1525993    | min  | .0625362<br>.1357521 | max    | .6953735<br>.2825017 |
| Si        | 4.322172             | SAB 3.320369                 | Sf 3.269523                   | K       | .0168473   | z    | .0918548             | m      | .0565686             |
| n         | .1414214             | gam 23.199708                | b-al 12.246622                | the     | 102.24664  | phi  | 113.19973            | 2-LEVE | L THRUST             |
|           |                      |                              |                               |         |            |      | /                    |        |                      |

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| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>5.402722<br>.1414214 | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9732882<br>3.923670<br>23.199708  | w2<br>PRC<br>Sf<br>b-al | .1.000000<br>.9367203<br>3.276538<br>14.029655 | w3<br>L<br>K<br>the | .0500000<br>.2190991<br>.0815437<br>104.02968  | SF<br>min<br>z<br>phi  | .0666628<br>.1375554<br>.0361076<br>113.19973 | IFr<br>max<br>m          | .8202820<br>.2701.628<br>.07071.07            |
|---------------------|--|--------------------------|--|-------------------------|--|---------------------|--|------------------------|---|--------------------------|---|
| N                   | 4.0000000                                      | wl.                      | .1400000                                       | w2                      | .1000000                                       | w3                  | .0600000                                       | SF                     | .0718527                                      | LFr                      | .7401724                                      |
| PRA                 | 1.0277206                                      | PRB                      | .9424132                                       | PRC                     | 1.0143790                                      | L                   | .1504078                                       | min                    | .1390356                                      | max                      | .2575009                                      |
| Si                  | 4.322173                                       | SAB                      | 3.437546                                       | Sf                      | 3.286171                                       | K                   | .0113722                                       | z                      | .0757263                                      | m                        | .0848528                                      |
| n                   | .1414214                                       | gam                      | 23.199708                                      | b-al                    | 15.826319                                      | the                 | 105.82634                                      | phi                    | 113.19973                                     | 2-LEV                    | /EL THRUST                                    |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0300000<br>5.042533<br>.1414214 | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9439075<br>3.872592<br>23.199708  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9280522<br>3.299144<br>17.639436  | w3<br>L<br>K<br>the | .0700000<br>.1941471<br>.0539786<br>107.63946  | SF<br>min<br>z<br>phi  | .0784874<br>.1401686<br>.0355990<br>113.19973 | IFr<br>max<br>m          | .8427982<br>.2444917<br>.0989950              |
| N                   | 4.0000000                                      | wl                       | .1400000                                       | w2                      | .1000000                                       | w3                  | .0800000                                       | SF                     | .0867519                                      | IFr                      | .7911301                                      |
| PRA                 | 1.0312097                                      | PRB                      | .9236627                                       | PRC                     | 1.0141872                                      | L                   | .1477203                                       | min                    | .1409518                                      | max                      | .2311329                                      |
| Si                  | 4.322183                                       | SAB                      | 3.540411                                       | Sf                      | 3.316540                                       | K                   | .0067685                                       | z                      | .0589816                                      | m                        | .1131371                                      |
| n                   | .1414214                                       | gam                      | 23.199708                                      | b-al                    | 19.470994                                      | the                 | 109.47102                                      | phi                    | 113.19973                                     | 2-LEV                    | TEL THRUST                                    |
| N                   | 4.0000000                                      | wl                       | .1400000                                       | w2                      | .1100000                                       | w3                  | .0200000                                       | SF                     | .0721693                                      | • LFr                    | .6703320                                      |
| PRA                 | 1.0100000                                      | PRB                      | 1.0379249                                      | PRC                     | 1.0102813                                      | L                   | .1599369                                       | min                    | .1456670                                      | max                      | .3062159                                      |
| Si                  | 4.322180                                       | SAB                      | 3.152180                                       | Sf                      | 3.305364                                       | K                   | .0142699                                       | z                      | .1034349                                      | m                        | .0282843.                                     |
| n                   | .1555635                                       | gam                      | 25.102621                                      | b-al                    | 8.714620                                       | the                 | 98.714643                                      | phi                    | 115.10264                                     | 2-LEV                    | TEL THRUST                                    |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>6.483317<br>.1555635 | wl<br>PRB<br>SAB<br>gam  | .1400000<br>1.0185981<br>4.293725<br>25.102621 | w2<br>PRC<br>Sf<br>b-al | .1100000<br>.9270572<br>3.308788<br>10.475587  | w3<br>L<br>K<br>the | .0300000<br>.2942295<br>.1461.198<br>100.47561 | SF<br>min<br>z<br>phi  | .0743103<br>.1481097<br>.0002030<br>115.10264 | LFr<br>mex<br>m          | .8819981°<br>.2945165<br>.0424264             |
| N                   | 4.0000000                                      | wl                       | .1400000                                       | w2                      | .1100000                                       | w3                  | .0400000                                       | SF                     | .0771723                                      | LFr                      | .7097054                                      |
| PRA                 | 1.0188795                                      | PRB                      | .9822790                                       | PRC                     | 1.0315730                                      | L                   | .1582508                                       | min                    | .1502370                                      | max                      | .2825017                                      |
| Si                  | 4.322173                                       | SAB                      | 3.270316                                       | Sf                      | 3.313786                                       | K                   | .0080138                                       | z                      | .0878586                                      | m                        | .0565686                                      |
| n                   | .1555635                                       | gam                      | 25.102621                                      | b-al                    | 12.246622                                      | the                 | 102.24664                                      | phi                    | 115.10264                                     | 2-LEV                    | EL: THRUST                                    |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>5.402723<br>.1555635 | wl<br>PRB°<br>SAB<br>gam | .1400000<br>.9817596<br>3.878459<br>25.102621  | w2<br>PRC<br>Sf<br>b-al | .1100000<br>.9248750<br>3.320801<br>14.029655  | w3<br>L<br>K<br>the | .0500000<br>.2247505<br>.0727102<br>1,04.02968 | SF.<br>min<br>z<br>phi | .0812988<br>.1520403<br>.0321114<br>115.10264 | LFr<br>max<br>m          | .8417797<br>.2701628<br>.0707107              |
| N<br>PRA<br>Si<br>n | 4.000000<br>1.0221250<br>4.322174<br>.1555635  | WI<br>PRB<br>SAB<br>gam  | .1400000<br>.9405312<br>3.368150<br>25.102621  | PRC<br>Sf               | .1100000<br>1.0513231<br>3.330434<br>15.826319 | L<br>K<br>the       | .0600000<br>.1560593<br>.0025388<br>105.82634  | SF<br>min<br>z<br>phi  | .0864887<br>.1535205<br>.0717301<br>115.10264 | LFr<br>max<br>m<br>2-LEV | •7550993<br>•2575009<br>•0848528<br>EL THRUST |
| N                   | 4.0000000                                      | wl                       | .1400000                                       | w2                      | .1100000                                       | w3                  | .0700000                                       | SF                     | .0931244                                      | LFr                      | .8626404                                      |
| PRA                 | 1.030000                                       | PRB                      | .9486441                                       | PRC                     | .9208400                                       | L                   | .1997986                                       | min                    | .1546535                                      | max                      | .2444917                                      |
| Si                  | 5.042534                                       | SAB                      | 3.827382                                       | Sf                      | 3.343407                                       | K                   | .0451451                                       | z                      | .0316028                                      | m                        | .0989950                                      |
| n                   | .1555635                                       | gam                      | 25.102621                                      | b-al                    | 17.639436                                      | the                 | 107.63946                                      | phi                    | 115.10264                                     | 2-LEV                    | EL THRUST                                     |
| N                   | 4.0000000                                      | wl                       | .1400000                                       | w2                      | .1200000                                       | w3 •L K the         | .0200000                                       | SF                     | .0896587                                      | LFr                      | .6844044                                      |
| PRA                 | 1.0098578                                      | PRB                      | 1.0354221                                      | PRC                     | 1.0486366                                      |                     | .1658783                                       | min                    | .1605601                                      | max                      | .3062159                                      |
| Si                  | 4.322167                                       | SAB                      | 3.104022                                       | Sf                      | 3.370290                                       |                     | .0053182                                       | z                      | .0992337                                      | m                        | .0282843                                      |
| n                   | .1697056                                       | gam                      | 27.035633                                      | b-al                    | 8.714620                                       |                     | 98.714643                                      | phi                    | 11 <b>7.</b> 03566                            | 2=LEV                    | EL THRUST                                     |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.020000<br>5.402741<br>.1697056  | wl<br>PRB<br>SAB<br>gam  | .1400000<br>.9909395<br>3.830931<br>27.035633  | w2<br>PRC<br>Sf<br>b-al | .1200000<br>.9190897<br>.3.385727<br>14.029655 | w3<br>L<br>K<br>the | .0500000<br>.2306938<br>.0637604<br>104.02968  | SF<br>min<br>z<br>phi  | .0987883<br>.1669334<br>.0279088<br>117.03566 | IFr<br>· max<br>m        | .8636236<br>.2701628<br>.0707107              |
| N                   | 4.0000000                                      | wl                       | .1400000                                       | w2                      | .1200000                                       | w3                  | .0700000                                       | SF                     | .1106138                                      | IFr                      | .8828850                                      |
| PRA                 | 1.0300000                                      | PRB                      | .9537076                                       | PRC                     | .9454787                                       | L                   | .2057419                                       | min                    | .1695466                                      | max                      | .2444917                                      |
| Si                  | 5.042552                                       | SAB                      | 3.779854                                       | Sf                      | 3.408333                                       | K                   | .0361953                                       | z                      | .0274003                                      | m                        | .0989950                                      |
| n                   | .1697056                                       | gam                      | 27.035633                                      | b-al                    | 17.639436                                      | the                 | 107.63946                                      | phi                    | 117.03566                                     | 2-LEV                    | EL THRUST                                     |

|                     | Gi .   |                          |  |   |                 |  |                       |  |                          |   |
|---------------------|--|--------------------------|--|---|-----------------|--|-----------------------|--|--------------------------|---|
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322180<br>.0565685 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9707600<br>3.362844<br>13.050236  | w2 .040000<br>PRC 1.148233<br>Sf 3.15326<br>b-al 9.28167      | 5 L<br>2 K      | .0200000<br>.1336041<br>.0813597<br>99.281695  | SF<br>min<br>z<br>phi | .0112095<br>.0522444<br>.1077339<br>103.05026  | LFr<br>max<br>m          | .6360226<br>.2859628<br>.0282843                |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322188<br>.0707107 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9790990<br>3.328200<br>14.955219  | w2 .050000<br>PRC 1.112415<br>Sf 3.15789<br>b-al 9.28167      | 4 L<br>2 K      | .0200000<br>.1379356<br>.0731940<br>99.281695  | SF<br>min<br>z<br>phi | .0152989<br>.0647417<br>.1046710<br>104.95524  | LFr<br>mex<br>m          | .6506815<br>.2859628<br>.0282843                |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>6.483268<br>.0707107 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9716400<br>4.470083<br>14.955219  | w2 .050000<br>PRC 1.101820<br>Sf 3.16018<br>b-al 11.15984     | 3 L<br>3 K      | .0300000<br>.2721787<br>.2051056<br>101.15986  | SF<br>min<br>z<br>phi | .0174694<br>.0670731<br>.0013954<br>104.95524  | LFr<br>max<br>m          | .7796097<br>.2741521<br>.0424264                |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0174085<br>3.241629<br>.0707107 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9497935<br>2.840863<br>14.955219  | w2 .0500000<br>PRC 1.171206<br>Sf' 3.16018<br>b-al 11.15984   | 7 L<br>8 K      | .0300000<br>.0695763<br>.0025032               | SF<br>min<br>z<br>phi | .0174694<br>.0670731<br>.1446569<br>104.95524  | LFr<br>max<br>m<br>2-LEV | .6145144<br>.2741521<br>.0424264<br>/EJ. THRUST |
| N<br>PRA<br>Si.     | 4.0000000<br>1.0100000<br>4.322147<br>.0848528 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9892674<br>3.291766<br>16.876945  | w2 .0600000<br>PRC 1.0776838<br>S£ .3.164189<br>b-al 9.28167  | 3 L<br>5 K      | .0200000<br>.1424847<br>.0648952<br>99.281.695 | SF<br>min<br>z<br>phi | .0205822<br>.0775895<br>.1014544<br>106.87697  | LFr<br>max•<br>m         | .6652413<br>.2859628<br>.0282843                |
| N<br>PRA<br>Si<br>n | 4.000000<br>1.0200000<br>4.322176<br>.0848528  | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9550315<br>3.415558<br>16.876945  | w2 .0600000<br>PRC 1.0599655<br>Sf 3.169812<br>b-al 13.050236 | 5 L             | .0400000<br>.1407013<br>.0587878<br>103.05026  | SF<br>min<br>z<br>phi | .0256596<br>.0819136<br>.0857730<br>106.87697  | IFr<br>max<br>m          | .7044687<br>.2620026<br>.0565686                |
| N<br>PRA<br>Si      | 4.0000000<br>1.0100000<br>4.322202<br>.0989950 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0005142<br>3.253445<br>18.818803 | w2 .0700000<br>PRC 1.0452066<br>Sf 3.172539<br>b-al 9.281672  | L<br>K          | .0200000<br>.1472817<br>.0564694<br>99.281695  | SF<br>min<br>z<br>phi | .0272751<br>.0908122<br>.0980624<br>108.81882  | LFr<br>max<br>m          | .6797676<br>.2859628<br>.0282843                |
| N<br>PRA<br>Si      | 4.0000000<br>1.0200000<br>4.322170<br>.0989950 | wl·<br>PRB<br>SAB<br>gam | .1600000<br>.9607200<br>3.377206<br>18.818803  | w2 .0700000<br>PRC 1.0340059<br>Sf 3.178166<br>b-al 13.050236 | L K             | .0400000<br>.1454945<br>.0503582<br>103.05026  | SF<br>min<br>z<br>phi | .0323525<br>.0951363<br>.0823837<br>108.81882  | LFr<br>max<br>m          | .7193489<br>.2620026<br>.0565686                |
| PRA<br>Si<br>n      | 1.0200000<br>1.0200000<br>5.402712<br>.0989950 | PRB<br>SAB<br>gam        | .1600000<br>.9550295<br>3.980988<br>18.818803  | w2 .0700000<br>PRC 1.0225185<br>Sf 3.182797<br>b-al 14.955219 | K K             | .0500000<br>.21.19331<br>.1151521<br>104.95524 | SF<br>min<br>z<br>phi | .0365124<br>.0967810<br>.0265674<br>.108.81882 | LFr<br>max<br>m          | .8239298<br>.2495052<br>.0707107                |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0233686<br>3.601809<br>.0989950 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9345131<br>3.056651<br>18.818803  | w2 .0700000<br>PRC 1.1142373<br>Sf 3.182797<br>b-al 14.955219 | L<br>K          | .0500000<br>.0993767<br>.0025957<br>104.95524  | SF<br>min<br>z<br>phi | .0365124<br>.0967810<br>.1061569<br>108.81882  | LFr<br>max<br>m<br>2-LEV | .6863499<br>.2495052<br>.07071.07<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322179<br>.1131371 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0125277<br>3.213078<br>20.783323 | w2 .0800000<br>PRC 1.0154346<br>Sf 3.183533<br>b-al 9.281672  | L<br>K          | .0200000<br>.1523247<br>.0479105<br>99.281695  | 6F<br>min<br>z<br>phi | .0355768<br>.1044142<br>.0944964<br>110.78334  | LFr<br>max<br>m          | .6943140<br>.2859628<br>.0282843                |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322177<br>.1131371 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9689064<br>3.336855<br>20.783323  | w2 .0800000<br>PRC 1.0080198<br>Sf 3.189161<br>b-al 13.050236 | K               | .0400000<br>.1505394<br>.0418011<br>103.05026  | SF<br>min<br>z<br>phi | .0406542<br>.1087383<br>.0788164<br>110.78334  | LFr<br>max<br>m          | .7343025<br>.2620026<br>.0565686                |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>5:402720<br>.1131371 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9588858<br>3.940636<br>20.783323  | w2 .0800000<br>PRC 1.0008885<br>Sf 3.193791<br>b-al 14.955219 | • K<br>K<br>the | .0500000<br>.2169781<br>.1065951               | SF<br>min<br>ź<br>phi | .0448151<br>.1103830<br>.0230001<br>110.78334  | IFr<br>max<br>m          | .8459959<br>.2495052<br>.0707107                |

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| N<br>PRA<br>Si       | 4.0000000<br>1.0300000<br>4.322194             | wl<br>• PRB<br>SAB       | .1600000<br>.9413358<br>3.464922               | w2<br>PRC<br>Sf         | .0800000<br>.9893872<br>3.200084               | w3<br>L<br>K          | .0600000<br>.1482201<br>.0365427               | SF<br>min<br>z         | .0500603<br>.1116774<br>.0625346              | LFr<br>max<br>m           | .7802000<br>.2366574<br>.0848528               |
|----------------------|--|--------------------------|--|-------------------------|--|-----------------------|--|------------------------|---|---------------------------|--|
| n                    | .1131371<br>4.0000000                          | gam<br>wl                | 20.783323                                      | b-al<br>w2              | .0900000                                       | the                   | .0200000                                       | phi<br>SF              | .0457049                                      | lFr                       | .7089472                                       |
| PRA<br>Si<br>n       | 1.0100000<br>4.322146<br>.1272792              | PRB<br>SAB<br>gam        | 3.170564<br>22.773790                          | PRC<br>Sf<br>b-al       | .9885935<br>3.197928<br>9.281672               | I.<br>K<br>the        | 1576347<br>0392235<br>99.281695                | min<br>z<br>phi        | .1184112<br>.0907417<br>112.77381             | m                         | .2859628<br>.0282843                           |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0200000<br>4.322174<br>.1272792 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.97841.22<br>3.294356<br>22.773790 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9938936<br>3.203555<br>13.050236  | w3<br>L<br>K<br>the   | .0400000<br>.1558514<br>.0331.161<br>103.05026 | SF<br>min<br>z<br>phi  | .0507822<br>.1227353<br>.0750602<br>112.77381 | IFr<br>max<br>m<br>2-LEV  | .7493982<br>.2620026<br>.0565686<br>TEL THRUST |
| N<br>PRA<br>Si       | 4.0000000<br>1.0200000<br>5.402717<br>.1272792 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9651429<br>3.898137<br>22.773790  | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9789373<br>3.208186<br>14.955219  | w3<br>L<br>K<br>the   | .0500000<br>.2222901<br>.09791.01<br>104.95524 | SF<br>min<br>z<br>phi  | .0549421<br>.1243800<br>.0192440<br>112.77381 | LFr<br>max<br>m           | .8682337<br>.2495052<br>.0707107               |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0300000<br>4.322191<br>.1272792 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9435324<br>3.422423<br>22.773790  | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9954514<br>3.214479<br>16.876944  | w3<br>L<br>K •<br>the | .0600000<br>.1535320<br>.0278577<br>106.87697  | sr<br>min<br>z<br>phi  | .0601874<br>.1256744<br>.0587785<br>112.77381 | LFr<br>max<br>m<br>2=LEV  | .7958450<br>.2366574<br>.0848528<br>El Thrust  |
| N<br>PRA<br>Si•<br>n | 4.0000000<br>1.0300000<br>5.042530<br>.1272792 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9411457<br>3.848206<br>22.773790  | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9605644<br>3.222833<br>18.818803  | w3<br>L<br>K<br>the   | .0700000<br>.1971951<br>.0706014<br>108.81882  | SF<br>min<br>z<br>phi  | .0668783<br>.1265937<br>.0185541<br>112.77381 | LFr<br>max<br>m           | .8947468<br>.2234346<br>.0989950               |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322187<br>.1414214 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0371592<br>3.125806<br>24.793708 | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9922387<br>3.216796<br>9.281672   | w3<br>L<br>K<br>the   | .0200000<br>.1632347<br>.0304154<br>99.281695  | SF<br>min<br>z<br>phi  | .0578985<br>.1328193<br>.0867819<br>114.79373 | LFr<br>max<br>m<br>2-LEV  | .7237435<br>.2859628<br>.0282843<br>EL THRUST  |
| N<br>PRA<br>Si       | 4.0000000<br>1.0200000<br>4.322185<br>.1414214 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9859267<br>-3.249582<br>24.793708 | Sf                      | .1000000<br>1.0057972<br>3.222423<br>13.050236 | w3<br>L<br>K<br>the   | .0400000<br>.1614494<br>.0243061<br>103.05026  | SF<br>min<br>z<br>phi  | .0629759<br>.1371434<br>.0711018<br>114.79373 | LFr<br>max<br>m<br>2-LEV  | .7647095<br>.2620026<br>.0565686<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0200000<br>5.402728<br>.1414214 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9728008<br>3.853363<br>24.793708  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9584001<br>3.227054<br>14.955219  | w3<br>L<br>K<br>the   | .0500000<br>.2278881<br>.0891000<br>104.95524  | SF<br>min<br>z<br>phi  | .0671368<br>.1387881<br>.0152856<br>114.79373 | LFr<br>max<br>m           | .8907147<br>.2495052<br>.0707107               |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0296443<br>4.322171<br>.1414214 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9451840<br>3.376096<br>24.793708  | Sf                      | .1000000<br>1.0132603<br>3.233347<br>16.876944 | w3<br>L<br>K<br>the   | .0600000<br>.1591282<br>.0190458<br>106.87697  | SF<br>min<br>z<br>phi  | .0723820<br>.1400825<br>.0548214<br>114.79373 |                           | .8117561<br>.2366574<br>.0848528<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 4.000000<br>1.030000<br>5.042541<br>.1414214   | wl<br>PRB<br>SAB<br>gam  | .1600000<br>.9428875<br>3.803432<br>24.793708  | w2<br>PRC<br>Sf<br>b-al | .1000000<br>.9469660<br>3.241701<br>18.818803  | w3<br>L<br>K •<br>the | .0700000<br>.2027931<br>.0617914<br>1.08.81882 | SF<br>min<br>z<br>phi  | .0790730<br>.1410018<br>.0145957<br>114.79373 | IFr<br>max<br>m           | .9155865<br>.2234346<br>.0989950               |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0100000<br>4.322180<br>.1555635 | wl<br>PRB<br>SAB<br>gam  | .1600000<br>1.0452477<br>3.078573<br>26.847105 | w2<br>PRC<br>Sf<br>b-al | .1100000<br>1.0074081<br>3.241709<br>9.281672  | w3<br>L<br>K<br>the   | .0200000<br>.1691380<br>.0214791<br>99.281695  | •SF<br>min<br>z<br>phi | .0724459<br>.1476589<br>.0826076<br>116.84713 | LFr<br>max<br>m<br>2-LEV  | .7387753<br>.2859628<br>.0282843<br>EL THRUST  |
| N<br>PRA<br>Si<br>n  | 4.0000000<br>1.0200230<br>4.322178<br>.1555635 | wl.<br>PRB<br>SAB<br>gam | .1600000<br>.9891516<br>3.202448<br>26.847105  | Sf                      | .1100000<br>1.0251379<br>3.247336<br>13.050236 | w3<br>L<br>K<br>the   | .0400000<br>.1.673527<br>.0153698<br>103.05026 | SF<br>min<br>z<br>phi  | .0775232<br>.1519829<br>.0669276<br>116.84713 | LFr<br>max<br>m<br>2-LEVE | .7803221<br>.2620026<br>.0565686<br>IL THRUST  |

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| N         | 4.0000000                 | wl         | .1600000             | w2        | .1100000                                 | w3         | •0500000              | SF       | .0816841             | LFr      | .9135285                 |
|-----------|---------------------------|------------|----------------------|-----------|--|------------|-----------------------|----------|----------------------|----------|--------------------------|
| PRA       |                           | PRB        | .9814130             | PRO       |  | L          | .2337914              | min      | .1536277             | max      | .2495052                 |
| Si        | 5.402721                  | SAB        | 3.806131             | Sf        | 3.251.967                                | K          | .0801.637             | z        | .0111113             | m        | .0707107                 |
| n         | .1555635                  | gam        | 26.847105            | b-a       |  | the        | 104.95524             | phi      | 116.84713            |          |                          |
|           |                           |            |                      |           |  |            |                       |          |                      | ••       |                          |
| N         | 4.0000000                 | wl         | .1.600000            | w2        | .1100000                                 | <b>w</b> 3 | .0600000              | SF       | .0869293             | LFr      | .8280411                 |
| PRA       | 1.0271573                 | PRB        | .9452984             | PRC       | 1.0387796                                | L          | .1.650334             | min      | .1549220             | max      | .2366574                 |
| Si        | 4.322195                  | SAB        | 3:318130             | Sf        | 3.258260                                 | K          | .0101114              | Z        | .0506458             | m        | .0848528                 |
| n         | .1555635                  | gam        | 26.847105            | b-a       | 1 16.876944                              | the        | 106.87697             | phi      | 116.84713            | 2-LE     | VEL THRUST               |
| N         | 4.0000000                 | wl         | .1600000             | w2        | .1.200000                                | w3         | .0200000              | SF       | .0896692             | LFr      | .7541552                 |
| PRA       | 1.0100000                 | PRB        | 1.0477782            | : PRC     | 1.0320684                                | L          | .175371.2             | min      | .1629527             | max      | 2859628                  |
| Si        | 4.322175                  | SAB        | 3.028702             | Sf        | 3.275174                                 | K          | .0124185              | Z        | .0782001 •           |          | .0282843                 |
| n         | 1697056                   | gam        | 28.938463            | b-a       |  | the        | 99.281695             | phi      | 118.93848            |          | VEL THRUST               |
|           | •20) 0)0                  | - Comm     | 201700107            | • •       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  | 4110       | ,,,,,,,,              | F        |                      |          |                          |
| N         | 4.0000000                 | wl         | .1600000             | w2        | .1200000                                 | w3         | .0400000              | SF       | .0947466             | LFr      | <b>.</b> 79634 <b>95</b> |
| PRA       | 1.0182230                 | PRB        | .9878780             | PRC       | 1.0560487                                | L          | .1735859              | min      | .1672768             | max      | .2620026                 |
| Si        | 4.322174                  | SAB        | 3.144798             | Sf        | 3.280801                                 | K          | .0063091              | Z        | .0625200             | m        | .0565686                 |
| n         | .1697056                  | gam        | 28.938463            | b-a       | 1 13.050236                              | the        | 103.05026             | phi      | 118.93848            | 2-LE     | VEL THRUST               |
|           | 1                         |            | 2600000              | 0         | 1000000                                  | 7          | 0500000               | SF       | .0989075             | LFr      | .9367905                 |
| N         | 4.0000000                 | wl         | .1600000             | w2        | .1200000                                 | w3         | .0500000<br>.2400246  | min      | .1689215             | -        | .2495052                 |
| PRA<br>S1 | 1.0200000                 | PRB        | .9907594             | PRC       | •9253773                                 | L          |                       |          | .0067038             | max      |                          |
|           | 5.402716                  | SAB        | • 3.756260•          | Sf        | 3.285432<br>1.14.955219                  | K          | .0711031<br>104.95524 | z<br>phi | 118.93848            | m        | .0707107                 |
| n         | <b>.</b> 169 <b>7</b> 056 | gam        | 28.938463            | D=8.      | 1 14.977219                              | the        | 104.95524             | pni      | 110.970-0            |          |                          |
| N         | 4.0000000                 | wl         | 1.600000             | w2        | .1300000                                 | w3         | .0200000              | SF       | .1099558             | LFr      | .7699843                 |
| PRA       | 1.0094752                 | PRB        | 1.0418936            | PRC       | 1.0720231                                | L          | .1819630              | min      | .1787281             | max      | 2859628                  |
| Si        | 4.322190                  | SAB        | 2.973714             | Sf        | 3.321442                                 | K          | .0032349              | Z        | .0735390             | m        | .0282843                 |
| n         | .1838478                  | gam        | 31.072922            | b-a.      | 1 9.281672                               | the        | 99.281695             | phi      | 121.07294            | 2-LEV    | VEIL THRUST              |
|           | 1, 0000000                |            | 7.000000             | 0         | 01.00000                                 | 7          | 0000000               | SF       | .0115786             | LFr      | .6940210                 |
| N<br>PRA  | 4.0000000<br>1.0100000    | wl<br>PRB  | .1800000<br>.9701887 | w2<br>PRC | .0400000<br>1.2020441                    | w3<br>. L  | .0200000<br>.1416607  | min      | .0525278             | max      | .2656758                 |
| Si        | 4.322188                  | SAB        | 3.298399             | Sf        | 3.148819                                 | · к        | .0891329              | Z        | .0876919             | m        | .0282843                 |
| n         | .0565685                  | gam        | 13.967897            | b-a]      |  | the        | 99.928055             | phi      | 103.96792            |          | 10202019                 |
|           | •0,0,00,                  | 60211      | 1,00,00,1            | 5-43      | 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7 | OLIC       | ),•,,200),            | PILL     | 200,000              |          |                          |
| N         | 4.0000000                 | wl         | .1800000             | w2        | .0500000                                 | w3         | .0200000              | SF       | .0158062             | LFr      | .7096214                 |
| PRA       | 1.0100000                 | PRB        | .9786803             | PRC       | 1.16221.29                               | L          | .1461048              | min      | .0652087             | max      | .2656758                 |
| Si        | 4.322159                  | SAB        | 3.262816             | Sf        | 3.151655                                 | K          | .0808961              | Z        | .0845494             | m        | .0282843                 |
| n         | .0707107                  | gam        | 16.013382            | b-al      | 9.928032                                 | the        | 99.928055             | phi      | 106.01341            |          |                          |
| N         | 4.0000000                 | wl.        | .1800000             | w2        | .0500000                                 | w3         | .0300000              | SF       | .0180512             | IFr      | .6743879                 |
| PRA       | 1.0199455                 | PRB        | .9522445             | PRC       | 1.1893093                                | L          | .0776959              | min      | .0674121             | max      | .2537370                 |
| Si        | 3.241640                  | SAB        | 2.784141             | Sf        | 3.153076                                 | K          | .0102838              | Z        | .1244799             | m        | .0424264                 |
| n         | .0707107                  | gam        | 16.013382            |           | 11.940427                                | the        | 101.94045             | phi      | 106.01341            | 2-LEV    | EL THRUST                |
|           |                           |            |                      |           |  |            |                       |          |                      |          |                          |
| N         | 4.0000000                 | wl         | 1800000              | w2        | .0600000                                 | w3         | .0200000              | SF       | .0212755             | LFr      | .7251511                 |
| PRA       | 1.0100000                 | PRB        | .9890463             | PRC       | 1.1235066                                | L          | 1507950               | min      | .0782710             | mex      | 2656758                  |
| Si        | 4.322172                  | SAB        | 3.225308             | Sf        | 3.155492                                 | K          | .0725240              | z        | .0812330             | m        | .0282843                 |
| n         | .0848528                  | gam        | 1.8.079681           | b-al      | 9.928032                                 | the        | 99.928055             | phi      | 108.07970            |          | •                        |
| N         | 4.0000000                 | wl         | .1800000             | w2        | .0600000                                 | w3         | .0300000              | SF       | .0235195             | LFr      | .6832037                 |
| PRA       | 1.0170489                 | PRB        | .9528839             | PRC       | 1.2103523                                | L          | .0823841              | min      | 0804744              | max      | .2537370                 |
| Si        | 3.241623                  | SAB        | 2.737228             | Sf        | 3.156914                                 | K.         | .001.9097             | Z        | .1211648             | m        | .0424264                 |
| n         | .0848528                  | gem        | 18.079681            | b-al      | 11.940427                                | the        | 101.94045             | phi      | 108.07970            | 2-LEV    | EL THRUST                |
| .,        | h                         |            | 202222               |           |  |            | -1                    |          |                      |          | G((333B                  |
| N<br>PRA  | 4.0000000<br>1.0200000    | wl<br>aca  | .1800000             | w2        | .0600000                                 | w3         | .0400000              | SF       | .0265379             | LFr      | .7663317<br>.2414320     |
| Si        | 4.322176                  | PRB<br>SAB | •9541515<br>3•349991 | PRC<br>Sf | 1.1035531<br>3.158961                    | L<br>K     | .1488972<br>.0665856  | min      | .0823116<br>.0654320 | max<br>m | .0565686                 |
| n         | .0848528                  | gam        | 18.079681            |           | 13.967897                                | the        | 103.96792             | z<br>phi | 108.07970            | ш        | •0707000                 |
| -         | .0010/20                  | - Comm     | _010 )001            | Jul       | -J•J01091                                | 3110       |                       | TATE.    | 200 0 1 7 1 0        |          |                          |
| N         | 4.0000000                 | w⊥         | .1800000             | ₩2        | .0700000                                 | w3         | .0200000              | SF       | .0281992             | LFr      | .7406902                 |
| PRA       | 1.0100000                 | PRB        | 1.0005252            | PRC       | 1.0871389                                | L          | .1557503              | min      | .0917408             | max      | •7406902<br>•2656758     |
| Si        | 4.322155                  | SAB        | 3.185649             | Sf        | 3.160537                                 | K          | .0640095              | Z        | 0777291              | m        | .0282843                 |
| n         | •0989950                  | gam        | 20.170979            | b-al      | 9.928032                                 | the        | 99.928055             | phi      | 110.17100            |          |                          |
|           |                           |            |                      |           |  |            |                       |          |                      |          |                          |

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| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322190<br>.0989950  | vl<br>PRB<br>SAB<br>gam | .1800000<br>.9599267<br>3.310347<br>20.170979  | w2 .0700000<br>PRC 1.0743413<br>Sf 3.164006<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.1538544<br>.0580730<br>103.96792 | ŠF<br>min<br>z<br>phi  | .0334616<br>.0957814<br>.0619268<br>110.1 <b>7</b> 100 | LFr<br>max<br>m           | .7822752<br>.2414320<br>.0565686               |
|---------------------|---|-------------------------|--|---|---------------------|---|------------------------|--|---------------------------|--|
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>5.402732<br>.0989950  | PRB<br>SAB<br>gam       | .1800000<br>.9542677<br>3.914677<br>20.170979  | w2 .0700000<br>PRC 1.0613607<br>Sf 3.166841<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.2202244<br>.1229817<br>106.01341 | SF<br>min<br>z<br>phi  | .0377598<br>.0972427<br>.0060294<br>110.17100          | LFr<br>max<br>m           | .8879051<br>.2287512<br>.0707107               |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0282576°<br>3.601798<br>.0989950 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9364584<br>3.007933<br>20.170979  | w2 .0700000<br>PRC 1.1242673<br>Sf 3.166841<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.1076660<br>.0104234<br>106.01341 | SF<br>min<br>z<br>phi  | .0377598<br>.0972427<br>.0856202<br>110.17100          | LFr<br>max<br>m<br>2-LEV  | .7503243<br>.2287512<br>.0707107<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322166<br>.1131371  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0128039<br>3.143760<br>22.290742 | w2 .0800000<br>PRC 1.0535134<br>Sf 3.167100<br>b-al 9.928032  | w3<br>L<br>K<br>the | .0200000<br>.1609879<br>.0553602<br>99.928055 | SF<br>mir.<br>z<br>phi | .0367832<br>.1056276<br>.0740255                       | LFr<br>max<br>m           | •7563067<br>•2656758<br>•0282843               |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322171<br>.1131371  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9682556<br>3.268443<br>22.290742  | w2 .0800000<br>PRC 1.0448721<br>Sf 3.170570<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.1590901<br>.0494219<br>103.96792 | SF<br>min<br>z<br>phi  | .0420466<br>.1096682<br>.0582246<br>112.29076          | LFr<br>max<br>m           | •7983523<br>•2414320<br>•0565686               |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>5.402713<br>.1131371  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9581653<br>3.872772<br>22.290742  | w2 .0800000<br>PRC 1.0366510<br>Sf 3.173405<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.2254601<br>.1143306<br>106.01341 | SF<br>min<br>z<br>phi  | .0463448<br>.1111295<br>.0023272<br>112.29076          | LFr<br>max<br>m           | .9111262<br>.2287512<br>.0707107               |
| N<br>PRA<br>Si      | 4.0000000<br>1.0225919<br>3.601809<br>.1131371  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9333767<br>2.945638<br>22.290742  | w2 .0800000<br>PRC 1.1542214<br>Sf 3.173405<br>b-al 16.013382 | w3<br>L<br>K<br>the | .0500000<br>.1129036<br>.0017742<br>106.01341 | SF<br>min<br>z<br>phi  | .0463448<br>.1111295<br>.0819166<br>112.29076          | LFr<br>max<br>m<br>2-LEV  | .7620831<br>.2287512<br>.0707107               |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0300000<br>4.322165<br>.1131371  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9401746<br>3.397662<br>22.290742  | w2 .0800000<br>PRC 1.0235382<br>Sf 3.177242<br>b-al 18.079681 | w3<br>L<br>K<br>the | .0600000<br>.1566238<br>.0444146<br>108.07970 | SF<br>min<br>z<br>phi  | .0517779<br>.1122092<br>.0417652<br>112.29076          | IFr<br>max<br>m           | .8464670<br>.2156888<br>.0848528               |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322169<br>.1272792  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0257518<br>3.099466<br>24.443137 | w2 .0900000<br>PRC 1.0227614<br>Sf 3.175584<br>b-al 9:928032  | w3<br>L<br>K<br>the | .0200000<br>.1665249<br>.0465757<br>99.928055 | SF<br>min<br>z<br>phi  | .0472641<br>.1199492<br>.0701103<br>114.44316          | LFr<br>max<br>m           | .7720747<br>.2656758<br>.0282843               |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322173<br>.1272792  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9780958<br>3.224149<br>24.443137  | w2 .0900000<br>PRC 1.0167562<br>Sf 3.179053<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.1646271<br>.0406373<br>103.96792 | SF<br>min<br>z<br>phi  | .0525265<br>.1239898<br>.0543093<br>114.44316          | IFr<br>max<br>m           | .8146448<br>.2414320<br>.0565686               |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0300000<br>4.322167<br>.1272792  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9433688<br>3.353369<br>24.443137  | w2 .0900000<br>PRC 1.0070372<br>Sf 3.185725<br>b-al 18.079681 | w3<br>L<br>K<br>the | .0600000<br>.1621609<br>.0356301<br>108.07970 | SF<br>min<br>z<br>phi  | .0622578<br>.1265308<br>.0378500<br>114.44316          | LFr<br>max<br>m<br>2-LEV  | .8633757<br>.2156888<br>.0848528<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322157<br>.1414214  | wl<br>PRB<br>SAB<br>gam | .1800000<br>1.0392196<br>3.052579<br>26.632957 | w2 .1000000<br>PRC 1.0044819<br>Sf 3.186518<br>b-al 9.928032  | w3<br>L<br>K<br>the | .0200000<br>.1723843<br>.0376563<br>99.928055 | SF<br>min<br>z<br>phi  | .0598717<br>.1347280<br>.0659671<br>116.63298          | LFr<br>max<br>m<br>2-LEVI | •7880764<br>•2656758<br>•0282843<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322161<br>.1414214  | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9880535<br>3.177262<br>26.632957  | w2 .1000000<br>PRC 1.0161446<br>Sf 3.189987<br>b-al 13.967897 | w3<br>L<br>K<br>the | .0400000<br>.1704865<br>.0317179<br>103.96792 | SF<br>min<br>z<br>phi  | .0651350<br>.1387686<br>.0501661 °<br>116.63298        | LFr<br>max<br>m<br>2-LEVI | .831.2359<br>.2414320<br>.0565686<br>EL THRUST |

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|   | N        | 4.0000000  | w.l.    | .1800000   | W2         | .1000000                                | w3         | •0600000                                | SF       | .0748663             | LFr             | .8806534             |
|---|----------|------------|---------|------------|------------|---|------------|---|----------|----------------------|-----------------|----------------------|
|   | PRA      | 1.0300000  | PRB.    | .9473064   | PRC        | 1.0205583                               | L          | .1680222                                | min.     | .1413096             | max             | .2156888             |
|   | Si       | 4.322185   | SAB     | 3.306496   | Sf         | 3.196659                                | K          | .0267126                                | Z        | .0337054             | m               | .0848528             |
|   | n        | .1414214   | gem     | 26.632957  |            | 18.079681                               | the        | 108.07970                               | phi      | 116.63298            |                 | EL THRUST            |
|   | -        |            | Circuit |            |            |   |            |   | 7        |                      | -               |                      |
|   | N        | 4.0000000  | w.l     | .1800000   | w2         | .1100000                                | w3         | .0200000                                | SF       | .0749054             | LFr             | .8044274             |
|   | PRA      | 1.0100000  | PRB     | 1.0503764  | PRC        | 1.0147188                               | L          | 1785946                                 | min      | 1499900              | max             | .2656758             |
|   | Si       | 4.322159   | SAB     | 3.002899   | Sf         | 3.200599                                | ĸ          | .0286046                                | 2        | .0615757             | m               | 0282843              |
|   | n        | .1555635   | gam     | 28.865617  | b-al       |   | the        | 99.928055                               | phi      | 1.18.86564           |                 | EL THRUST            |
|   | **       | •=///0//   | - Por   | 20.00/01   | D-003.     | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | OI,C       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Lynn     | 2.20.00/01           |                 | 22200                |
|   | N        | 4.0000000  | wl.     | .1.800000  | w2         | .1100000                                | w3         | .0400000                                | SF       | .0801678             | IFr             | .848241.8            |
|   | PRÁ      | 1.0200000  | PRB     | 9945453    | PRC        | 1.0300694                               | L          | .1766987                                | min      | 1540305              | max             | 2414320              |
|   | Si       | 4.322194   | SAB     | 3.127597   | Sī         | 3.204069                                | K          | .0226682                                | Z        | 0457734              | m               | .0565686             |
|   | n        | 1555635    | gam     | 28.865617  |            | 13.967897                               | the        | 103.96792                               | phi      | 1.18.86564           |                 | EL THRUST            |
|   | **       | •=///      | D.      | 20.00)021  | 0.00       |   | Olic       | 20,001,00                               | PILL     |                      |                 | 227 22210 22         |
|   | N        | 4.0000000  | w.l     | .1800000   | w2         | .1200000                                | <b>w</b> 3 | •0200000                                | SF       | .0926743             | LFr             | .8212366             |
|   | PRA      | 10100000   | PRB     | 1.0567028  | PRC        | 1.0325289                               | L          | .1.851883                               | min      | 1657656              | max             | .2656758             |
|   | Si ·     | 4.322201   | SAB     |            | Sf         | 3.21.8883                               |            | .01.94227                               |          | .0569132             |                 | .0282843             |
|   |          | _          |         | 2.9501.90  |            |   | K          |   | Z        |                      | m<br>O x m      |                      |
|   | n        | .1697056   | gam     | 31.147322  | b-al       | 9.928032                                | the        | 99.928055                               | phi      | 121.14734            | ∠ <u>-1</u> ,EV | EI. THRUST           |
|   |          | 1          |         | 7.000000   |            | 170000                                  | -          |   | ~        | ********             | T 77            | 07061.00             |
|   | N        | 4.0000000  | wl      | .1800000   | M5         | .1300000                                | w3         | .0200000                                | SF       | .1135502             | LFr             | .8386402             |
|   | PRA      | 1.0100000  | PRB     | 1.0567325  | PRC        | 1.0603625                               | L          | .1921959                                | min      | .1820919             | max             | .2656758             |
|   | Si       | 4.322179   | SAB     | 2.894108   | Sf         | 3.242904                                | K          | .01.01.040                              | Z        | .0519581             | m               | .0282843             |
|   | n        | .1838478   | gam     | 33.485349  | b-al       | 9.928032                                | the        | 99.928055                               | phi      | 123.48537            | 2-LEV           | EL THRUST            |
|   |          |            |         |            |            | 14.                                     |            |   |          | The second           |                 | 7                    |
|   | N        | 4.0000000  | MJ      | .2000000   | w2         | .0400000                                | W3         | .0200000                                | SF       | .01.21.994           | LFr             | -7489033             |
|   | PRA      | 1.0100000  | PRB     | •9695919   | PRC        | 1.261714                                | Ţ,         | .1497536                                | min      | .0528552             | max             | .2453449             |
|   | Si       | 4.322191   | SAB     | 3.233659   | Sf         | 3.145062                                | Y.         | .0968984                                | Z        | •0675933             | m               | .0282843             |
|   | n        | .0565685   | gam     | 15.026039  | b-al       | 10.671771 •                             | the        | 100.67179                               | phi      | 105.02606            |                 |                      |
|   |          |            |         |            |            | •                                       |            |   |          |                      |                 |                      |
|   | N        | 4.0000000  | wl      | .2000000   | w2         | .0500000                                | w3         | .0200000                                | SF       | .0166626             | LFr             | .7654562             |
|   | PRA      | 1.0100000  | PRB     | .9782413   | PRC        | 1.2174414                               | L          | .1543331                                | min      | .0657501.            | max             | 2453449              |
|   | Si       | 4.322157   | SAB     | 3.1.96988  | Sf         | 3.146412                                | K          | .0885831                                | Z        | .0643551             | m               | .0282843             |
|   | n        | .0707107   | gam     | 17.235267  |            | 10.671771                               | the        | 100.67179                               | phi      | 107.23529            |                 |                      |
|   | -        |            | 0       |            | - 0.1      | 200012112                               | 0110       | 200.0(21)                               | P        | 201027727            |                 |                      |
|   | N        | 4.0000000  | wl      | .2000000   | w2         | .0500000                                | w3 '       | .0300000                                | SF       | .0190277             | LFr             | .7311821             |
|   | PRA      | 1.0200000  | PRB     | •9532974   | PRC        | 1.2141644                               | L          | .0858650                                | min      | .0678055             | max             | .2332582             |
|   | Si       | 3.241.641  | SAB     | 2.718965   | Sf         | 3.147092                                | K          | .0180596                                |          | .1042227             |                 | .0424264             |
|   | n        | .0707107   |         | 17.235267  |            | 12.839472                               | the        | 102.83949                               | z<br>phi | 107.23529            | m<br>O Tuna     | EL THRUST            |
|   | 11       | •0101701   | gam     | 11.62)/201 | D⇒al       | 12.079412                               | one        | 102.07949                               | pur      | 101.67769            | ۷ نسبه ۳۰۰      | ET TIMOOT            |
|   | N        | 4.0000000  | wl      | .2000000   | w2         | .0600000                                | 1.2%       | .0200000                                | SF       | .0224533             | LFr             | .7819910             |
|   | PRA      | 1.0100000  | PRB     | 9888134    | PRC        | 1.1744212                               | w3<br>L    | .1591873                                | min      | .0790639             | max             | 2453449              |
|   | Si       | 4.322170   |         | 3.158167   | Sf         | 3.148240                                | K          | .0801234                                |          | .0609226             |                 | .0282843             |
|   | υ<br>n   | .0848528   | SAB     | 19.470873  |            | 10.671771                               | the        | 1.00.67179                              | z<br>phi | 109.47089            | m               | .0202045             |
|   | 11       | •0040720   | gam     | 19.410017  | • 0-a.r    | TO.017117                               | tile       | 1.00.01119                              | DILL     | 109.4/009            |                 |                      |
|   | 37       | 1, 0000000 | 1       | 0000000    |            | 0600000                                 | 7          | 0700000                                 | CTD      | .0248184             | T Elem          | 7110060              |
|   | N<br>PRA | 4.0000000  | wl      | .2000000   | <b>w</b> 2 | .0600000                                | w3         | .0300000                                | SF       |                      | LFr             | .7410269             |
|   |          | 1.0198518  | PRB     | .9572196   | PRC        | 1.2276362                               | L          | .0907192                                | min      | .0811193             | max             | .2332582             |
|   | Si       | 3.241654   | SAB     | 2.679664   | Sf         | 3.148920                                | K          | .0095999                                | Z        | .1007903             | m               | .0424264             |
|   | n        | .0848528   | gam     | 19.470873  | b-all      | 12.839472                               | the        | 102.83949                               | phi .    | 109.47089            | 2-LEV           | EL THRUST            |
|   | 37       | 1. 0000000 |         | 0000000    |            | 0/000==                                 |            | ol. acass                               | -        | 000-0-0              |                 | 00==0==              |
|   | N_       | 4.0000000  | wl      | .2000000 • | MS.        | .0600000                                | w3         | .0400000                                | SF       | .0280218             | LFr             | .8251839             |
|   | PRA      | 1.0200000  | PRB     | •9532283   | PRC        | 1.1521084                               | L          | .1571617                                | min      | .0827771             | max             | .2207738             |
|   | Si       | 4.322177   | SAB     | 3.283875   | Sf         | 3.149897                                | K          | .0743847                                | Z        | .0449805             | m               | .0565686             |
|   | n        | .0848528   | gam     | 19.470873  | b-al       | 15.026038                               | the        | 105.02606                               | phi      | 109.47089            |                 |                      |
|   | _        |            |         |            |            |   |            |   |          |                      |                 |                      |
|   | N        | 4.0000000  | wl      | •2000000   | w2         | .0700000                                | w3         | .0200000                                | SF       | .0297890             | IFr             | <b>.</b> 7985888     |
|   | PRA      | 1.0100000  | PRB     | 1.0005368  | PRC        | 1.1339377                               | L          | .1643391                                | min      | .0928252             | max             | .2453449             |
|   | Si       | 4.322170   | SAB     | 3.116954   | Sf         | 3.150619                                | K          | .0715139                                | Z        | .0572798             | m               | .0282843             |
| • | n        | .0989950   | gam     | 21.738146  | b-al       | 10.671771                               | the        | 1.00.67179                              | phi      | 111.73817            |                 |                      |
|   |          |            |         |            |            |   |            |   |          |                      |                 |                      |
|   | N        | 4.0000000  | wl      | .2000000   | <b>w</b> 2 | .0700000                                | w3         | .0300000                                | SF       | .0321541             | IFr             | .7509651             |
|   | PRA      | 1.0164039  | PRB     | .9576682   | PRC        | 1.252483                                | L          | <b>.</b> 0958691.                       | min      | •0321541<br>•0948806 | max             | .7509651<br>.2332582 |
|   | Si       | 3.241624   | SAB     | 2.627258   | Sf         | 3.151299                                | K          | .0009885                                | Z        | .0971488             | m               | .0424264             |
|   | n        | .0989950   | gam     | 21.738146  | b-al       | 12.839472                               | the        | 102.83949                               | phi      | 111.73817            | 2-LEV           | EL THRUST            |
|   |          | •          |         |            |            |   |            |   | +        |                      |                 |                      |

|                     | 1  |   |  |   |  |  |
|---------------------|--|---|--|---|--|--|
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322178<br>.0989950 | wl .2000000<br>PRB .9590902<br>SAB 3.242662<br>gam 21.738146  | w2 .0700000<br>PRC 1.1195099<br>Sf 3.152276<br>b-al 15.026038  | w3 .0400000<br>L .1623135<br>K .0657751<br>the 105.02606  | SF .0353575<br>min .0965384<br>z .0413377<br>phi 111.73817   | 1.Fr .8422461<br>max .2207738<br>m .0565686                    |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0299529<br>3.601817<br>.0989950 | wl .2000000<br>PRB .9375600<br>SAB 2.946996<br>gam 21.738146  | w2 .0700000<br>PRC 1.1413834<br>Sf 3.153626<br>b-al 17.235267  | w3 .0500000<br>L .1160488<br>K .0182632<br>the 107.23529  | SF .0398855<br>min .0977856<br>z .0649337<br>phi 111.73817   | LFr .8113918 max .2078789 m .0707.107 2-LEVEL THRUST           |
| N<br>PRA<br>Si      | 4.0000000<br>1.0100000<br>4.322166<br>.1131371 | wl .2000000<br>PRB 1.0130979<br>SAB 3.073203<br>gam 24.041817 | w2 .0800000<br>PRC 1.0963773<br>Sf 3.153711<br>b-al 10.671771  | .w3 .0200000<br>L .1698074<br>K .0627586<br>the 100.67179 | SF .0388966<br>min .1070488<br>z .0534131<br>phi 114.04184   | LFr .81.53305<br>max .2453449<br>m .0282843                    |
| N<br>PRA<br>Si      | 4.0000000<br>1.0200000<br>4.322174<br>.1131371 | wl .2000000<br>PRB .9675656<br>SAB 3.198911<br>gam 24.041817  | w2 .0800000<br>PRC 1.0865242<br>Sf 3.155368<br>b-al 15.026038  | w3 .0400000<br>L' .1677818<br>K .0570199<br>the 105.02606 | SF .0444651<br>min .1107620<br>z .0374710<br>phi 114.04184   | IFr .8595171<br>max .2207738<br>m .0565686                     |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0279220<br>3.601812<br>.1131371 | wl .2000000<br>PRB .9366959<br>SAB 2.895930<br>gam 24.041817  | w2 .0800000<br>PRC 1.1637217<br>Sf 3.156719<br>b-al 17.235267  | w3 .0500000<br>L .1215172<br>K .0095080<br>the 107.23529  | SF .0489941<br>min .1120092<br>z .0610670<br>phi 114.04184   | LFr .8243780<br>max .2078789<br>m .0707107<br>2-LEVEL THRUST   |
| N<br>PRA<br>Si      | 4.0000000<br>1.0300000<br>4.322163<br>.1131371 | wl .2000000<br>PRB .9389490<br>SAB 3.329454<br>gam 24.041817  | w2 .0800000<br>PRC 1.0624869<br>Sf 3.158546<br>b-al 19.470873  | w3 .0600000<br>L .1651497<br>K .0523122<br>the 1.09.47089 | SF .0547514<br>min .1128375<br>z .0207998<br>phi 114.04184   | IFr .9099636<br>max .1945650<br>m .0848528                     |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322179<br>.1272792 | wl .2000000<br>PRB 1.0263707<br>SAB 3.026722<br>gam 26.387580 | w2 .0900000<br>PRC 1.0617991<br>Sf 3.157672.<br>b-al 10.671771 | w3 .0200000<br>L .1756191<br>K .0538606<br>the 100.67179  | SF .0500336<br>min .1217586<br>z .0493036<br>phi 116.38760   | LFr .8323069<br>max .2453449<br>m .0282843                     |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322186<br>.1272792 | wl .2000000<br>PRB .9775975<br>SAB 3.152430<br>gam 26.387580  | w2 .0900000<br>PRC 1.0548442<br>Sf 3.159329<br>b-al 15.026038  | .w3 .0400000<br>L .1735935<br>K .0481218<br>the 105.02606 | SF .0556021<br>min .1254717<br>z .03333615<br>phi 116.38760  | LFr .8770933<br>max .2207738<br>m .0565686                     |
| N<br>PRA<br>Si·     | 4.0000000<br>1.0212943<br>3.601795<br>.1272792 | wl .2000000<br>PRB .9341381<br>SAB 2.825562<br>gam 26.387580  | w2 .0900000<br>PRC 1.1974697<br>Sf 3.160680<br>b-al 17.235267  | w3 .0500000<br>L .1273270<br>K .0006080<br>the 107.23529  | SF .0601311<br>min .1267190<br>z .0569588<br>phi 116.38760   | IFr .8377066<br>max .2078789<br>m .07071.07<br>2-LEVET THRUST  |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322183<br>.1414214 | w1 .2000000<br>PRB 1.0403188<br>SAB 2.977257<br>gam 28.782028 | w2 .1000000<br>PRC 1.0301663<br>Sf 3.162731<br>b-al 10.671771  | w3 .0200000<br>L .1818028<br>K .0448189<br>the 100.67179  | SF .0634642<br>min .1369839<br>z .0449311<br>phi 118.78205   | IFr .8496246<br>max .2453449<br>m .0282843                     |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>4.322190<br>.1414214 | wl .2000000<br>PRB .9887989<br>SAB 3.102965<br>gam 28.782028  | w2 .1000000<br>PRC 1.0313471<br>Sf 3.164388<br>b-al 15.026038  | w3 .0400000<br>L .1797772<br>K .0390801<br>the 105.02606  | ss .0690327<br>min .1406970<br>z .0289890<br>phi 1.18.78205  | IFr .8950863<br>max .2207738<br>m .0565686<br>2-LEVEL THRUST   |
| M<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322157<br>.1555635 | wl .2000000<br>PRB 1.0539821<br>SAB 2.924512<br>gam 31.232814 | w2 .1100000<br>PRC 1.0281590<br>Sf 3.169181<br>b-al 10.671771  | w3 .0200000<br>L .1883926<br>K .0356327<br>the 100.67179  | of the second se | IFr .8674097 :<br>max .2453449<br>m .0282843<br>2-LEVEL THRUST |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322159<br>.1697056 | wl2000000<br>PRB 1.0639863<br>SAB 2.868179<br>gam 33.748912   | w2 .1200000<br>PRC 1.0411986<br>Sf 3.177429<br>b-al 10.671771  | w3 .0200000<br>L .1954346<br>K .0263057<br>the 100.67179  | SF .0985108<br>min .1691289<br>z .0352919<br>phi 123.74893   | LFr .8858233<br>max .2453449<br>m .0282843<br>2-LEVEL THRUST   |

ACC MAN

d5 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1

| 1        |                        |           |                       |               | •                     |          |                        | -         |                       |            |   |
|----------|------------------------|-----------|-----------------------|---------------|-----------------------|----------|------------------------|-----------|-----------------------|------------|---|
| N        | 4.0000000              | wl        | .2200000              | w2            | .0400000              | w3       | .0200000               | SF        | .01.31.07.3           | LFr        | .8006687                                |
| PR       |                        | PRB       | 9689667               | PRC           | 1.328085              | L        | .1578941               | min       | .0532410              | max        | .2249610                                |
| Si       | 4.322179               | SAB       | 3.168522              | Sf            | 3.141607              | K        | .1046531               | Z         | .0474234              | m          | .0282843                                |
| n        | .0565685               | gam       | 16.260141             | b-al          | 11.536790             | the      | 101.53681°             | phi       | 106.26016             |            |   |
| TER.     | 200                    | G         |                       |               |                       |          |                        |           |                       |            |   |
| N.       | 4.0000000              | wl        | .2200000              | W2            | •0500000              | w3       | .0200000               | SF        | .0179291              | LFr        | .8182135                                |
| PR       |                        | PRB       | .9777794              | PRC           | 1.278800              | Ľ        | .1626358               | min       | .0663886              | max        | .224961.0                               |
| Si       | 4.322130               | SAB       | 3.130540              | Sf            | 3.141609              | K        | .0962472               | z         | .0440706              | m          | .0282843                                |
| n        | .07071.07              | gam       | 18.662907             |               | 11.536790             | the      | 101.53681              | phi       | 1.08.66293            |            |   |
| 11       | •0101701               | gun       | 10.002301             | <b>0</b> -00. | 12.750150             | VIIC     | 2020)                  | ,         |                       | 1          |   |
| N        | 4.0000000              | wl        | .2200000              | w2            | .0500000              | w3       | .0300000               | SF        | .0204744              | LFr        | .7849283                                |
| PR       |                        | PRB       | .95221.71             | PRC           | 1.264053              | L        | .0941010               | min       | .0682703              | max        | .21,27006                               |
| Si       |                        |           |                       | Sf            | 3.141606              | K        | .0258306               | 2         | .0838626              | m          | .0424264                                |
|          | 3.241.638              | SAB       | 2.653075<br>18.662907 |               | 1.3.88641.0           | the      | 103.88643              | phi       | 1.08.66293            | 111        | •0424204                                |
| n        | .07073.07              | gam       | 0.002901              | 0-01          | 1,7,0004110           | OHE      | 107.00047              | Į)III.    |                       |            |   |
| AT.      | 1, 0000000             | 7         | 0000000               |               | 0600000               | 7        | 0000000                | CTP       | 02/12/01/2            | T Elm      | .8358002                                |
| N        | 4.0000000              | WI        | .2200000              | w2            | .0600000              | . w3     | .0200000               | SF        | .0241947<br>.0800013  | LFr<br>max | .2249610                                |
| PR       |                        | PRB       | .9885671              |               | 1.2309815             | L        | .1676903               | min       |                       |            |   |
| Sį.      | 4.322173               | SAB       | 3.090147              | Sf            | 3.141622              | K        | .0876890               | z         | .0404965              | m          | .0282843                                |
| n        | .0848528               | gam       | 21.099817             | b-al          | 1.1.536790            | the      | 101.53681              | phi       | 111.09984             |            |   |
| ٧,       |                        |           |                       |               |                       |          |                        |           |                       | 7.77       | goc0ess                                 |
| N        | 4.0000000              | M]        | .2200000              | w2            | .0600000              | w3       | .0300000               | SF        | .0267391              | LFr        | .7958555                                |
| PR       |                        | PRB       | 9599297               | PRC           | 1.252651              | L        | .0991535               | min       | .081.8831             | mex        | .2127006                                |
| Si       | 3.241650               | SAB       | 2.61.2666             | Sf            | 3.141619              | K        | .0172705               | Z         | 0802899               | m          | .0424264                                |
| n        | .0848528               | gam       | 21.099817             | b-al.         | 13.886410             | the      | 1.03.88643             | phi       | 111.09984             | 2=LE       | VEL THRUST                              |
| 5        |                        |           |                       |               |                       |          |                        | 11        |                       |            | 000-1                                   |
| N        | 4.0000000              | J.W       | .2200000              | w2            | .0600000              | w3       | .01100000              | SF        | .0302105              | LFr        | .8810854                                |
| PR       |                        | PRB       | .9522564              | PRC           | 1.2061064             | L        | .1655159               | min       | .0833287              | max        | .2000041                                |
| Si       | . 4.322162             | SAB       | 3.217027              | Sf            | 3.141617              | K        | .0821.872              | Z         | .0243868              | m          | .0565686                                |
| n        | •0848528               | gam       | 21.099817             | b-al          | 16.260141             | the      | 106.2601.6             | phi       | 11.1.09984            |            |   |
|          |                        |           |                       |               |                       |          |                        |           |                       |            |   |
| N.       | 4.0000000              | w.l.      | .2200000              | w2            | .0700000              | w3       | .0200000               | SF        | .0321522              | LFr        | .8535147                                |
| PR!      | 1.0100000              | PRB       | 1.0005491             | PRC           | 1.1860065             | L        | 1730805                | min       | .09411.21             | max        | .2249610                                |
| Si       | 4.322167               | SAB       | 3.047019              | Sf            | 3.141618              | K        | .0789684               | Z         | .0366851              | m          | .0282843                                |
| n        | .0989950               | gam       | 23.577850             | b-al :        | 11.536790             | the      | 101.53681              | phi       | 113.57787             |            |   |
|          |                        |           |                       |               |                       |          |                        |           |                       |            |   |
| N        | 4.0000000              | wl        | .2200000              | w2            | .0700000              | w3       | .0300000               | SF        | .0346975              | LFr        | .8069468                                |
| PRA      | 1.0196965              | PRB       | .9639776              | PRC           | 1.268812              | L        | .1045437               | min       | .0959938              | mex        | 2127006                                 |
| Si       | 3.241644               | SAB       | 2.568555              | Sf            | 3.141.615             | K        | .0085499               | Z         | 0764785               | m          | .0424264                                |
| n        | .0989950               | gam       | 23.577850             | b-al          | 1.3.88641.0           | the      | 103.88643              | phi       | 113.57787             | 2-LEV      | EL THRUST                               |
|          |                        |           |                       |               |                       |          |                        |           |                       |            |   |
| N        | 4.0000000              | wl        | .2200000              | w2            | .0700000              | w3       | .0400000               | SF        | .0381680              | LFr        | .8993406                                |
| PRA      |                        | PRB       | .9582041              | PRC :         | 1.1698561             | L        | .1709080               | min       | .0974395              | max        | .2000041.                               |
| Si       | 4.3221.86              | SAB       | 3.173915              | Sf            | 3.141.613             | K        | .0734685               | ·Z        | .0205741              | m          | .0565686                                |
| n        | .0989950               | gem       | 23.577850             |               | 16.260141             | the      | 106.2601.6             | phi       | 11.3.57787            |            |   |
|          |                        |           |                       |               |                       |          |                        |           |                       |            |   |
| N        | 4.0000000              | wl        | .2200000              | w2            | .0700000              | w3       | .0500000               | SF        | .0430508              | LFr        | .8696413                                |
| PRA      |                        | PRB       | 9377563               |               | 1.1635918             | Ľ        | .1245537               | min       | .0984340              | max        | .1868565                                |
| Si       | 3.601826               | SAB       | 2.879137              | Sf            | 3.141615              | K        | .0261197               | z         | .0440547              | m          | .0707107                                |
| n        | .0989950               | gam       | 23.577850             |               | 18.662906             | the      | 108.66293              | phi       | 113.57787             |            | EL THRUST                               |
| 11       | •0,00,00               | Bonn      | 2).)  0)0             | D-all 1       | LO.00L)00             | One      | 100,002))              | Pila      | 12.7.7.1101           | E-1034     | 1111 1111001                            |
| N .      | 4.0000000              | wl        | .2200000              | w2            | .0800000              | w3       | .0200000               | SF        | .0420628              | LFr        | .8714619                                |
| PRA      |                        | PRB       | 1.0134131             |               | 1442396               | L        | .1788349               | min       | 1087425               |            | 2249610                                 |
| Si       | 4.3221.66              | SAB       | 3.000983              | Sf            | 3.141616              | ĸ        | .0700924               | Z         | .0326161              | max        | .0282843                                |
| n        | 1131371                | gam       | 26.1.03604            |               | 1.536790              | the      | 101.53681              |           | 116.10363             | 411        | •0202047                                |
| 11       | • 1 1 1 1 1 1          | Ban       | 20.10,004             | D=0.1.        | 11.00190              | OHE      | 102.07001              | Dur       | 110.10000             |            |   |
| N        | 4.0000000              | 7.27      | 2200000               | ***           | .0800000              | ***      | alicono                | CTE       | 0100705               | Tilles     | 0179067                                 |
| PRA      |                        | wl<br>PRB | .2200000<br>.9668290  | w2            | .0000000<br>L.1331410 | w3       | .0400000               | SF<br>min | .0480785<br>.11.20699 | LFr        | .9178963<br>.2000041                    |
| Si       | 4.322186               | SAB       |                       |               | 3.141611              | L        | .1766625               |           |                       | max        | .0565686                                |
|          | 4.522100<br>.1131371   |           | 3.127879<br>26.103604 | Sf<br>b-all   | 6.2601.41             | K<br>the | .0645926<br>106.2601.6 | Z<br>phi  | .0165050<br>116.10363 | m          | •0707000                                |
| n        | ・エリアルン(エ               | gam       | 20.10004              | ا استن⇔را     | .U. GUUJ.41           | OHE      | 100.2001.0             | phi       | T. TO TO DOD          |            |   |
| • N      | 1. 0000000             |           | 0000555               | 1             | 000000                |          |                        | 8 -6      | 2                     |            | • |
| N<br>PRA | 4.0000000<br>1.0298780 | M)        | .2200000              | W?            | .0800000              | W3 -     | .0500000               | SF        | .0529604<br>.1130644  | LFr        | .8839579<br>.1868565                    |
| Si.      |                        | PRB       | .9390027              |               | 7 141617              | L        | 1303063                | min       |                       | max        |   |
|          | 3.601795               | SAB*      | 2.832645              | Sf            | 3.141613              | K        | .0172418               | Z         | .0399871              | m          | .0707107                                |
| n        | •1131371               | gem       | 26.103604             | b-al !        | .8.662906             | ' the    | 108.66293              | phi       | 116.10363             | 2-LEV      | EL THRUST                               |
|          |                        |           |                       |               |                       |          |                        |           |                       |            |   |

E 2145

| N<br>PRA<br>Si      | 4.000000<br>1.0100000<br>4.322175               | wl<br>PRB<br>SAB        | .2200000<br>1.0270404<br>2.951767              | w2<br>PRC<br>Sf         | .0900000<br>1.1056891<br>3.141615              | w3<br>L<br>K<br>the | .0200000<br>.1849880<br>.061.0624<br>101.53681 | SF<br>min<br>z<br>phi | .0542164<br>.1239257<br>.0282652<br>118.68519  | LFr<br>max<br>m  | .8897543<br>.2249610<br>.0282843  |
|---------------------|---|-------------------------|--|-------------------------|--|---------------------|--|-----------------------|--|------------------|-----------------------------------|
| n                   | .1.272792                                       | gam                     | 28.685167                                      | re-d                    | . 11.536790                                    | the                 | 101.55001                                      | bur                   | 1.10.00719                                     |                  |                                   |
| N<br>PRA<br>Si      | 4.0000000<br>1.0200000<br>4.3221.94<br>.1272792 | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9770607<br>3.078662<br>28.685167  | w2<br>PRC<br>Sf<br>b-al | .0900000<br>1.0977840<br>3.141609<br>16.260141 | w3<br>L<br>K<br>the | .0400000<br>.1828156<br>.0555625<br>106.26016  | SF<br>min<br>z<br>phi | .0602322<br>.1272530<br>.0121541<br>118.68519  | IFr<br>.max<br>m | .9368849<br>.2000041<br>.0565686  |
|                     |   |                         |  |                         |  |                     |  |                       |  |                  |                                   |
| N<br>PRA<br>Si<br>n | 4.000000<br>1.0100000<br>4.322176<br>.1414214   | wl<br>PRB<br>SAB<br>gam | .2200000<br>1.0414067<br>2.899034<br>31.332067 | w2<br>PRC<br>Sf<br>b-al | .1000000<br>1.0702426<br>3.141613<br>11.536790 | w3<br>L<br>K<br>the | .0200000<br>.1915798<br>.0518779<br>101.53681  | SF<br>min<br>z<br>phi | .0689364<br>.1397019<br>.0236041<br>121.33209  | LFr<br>max<br>m  | . 9085274<br>.2249610<br>.0282843 |
|                     | l. 0000000                                      | 7                       | olygoggg                                       |                         | oliooooo                                       | ••7                 | 000000   | CTI                   | 01/12757                                       | LFr              | .8493538                          |
| N<br>PRA<br>Si      | 4.0000000<br>1.0100000<br>4.322182<br>.0565685  | w]<br>PRB<br>SAB<br>gam | .2400000<br>.9683103<br>3.102881<br>17.718849  | w2<br>PRC<br>Sf<br>b-al | .0400000<br>1.402270<br>3.138155<br>12.555675  | w3<br>L<br>K<br>the | .0200000<br>.1660996<br>.1123987<br>102.55570  | SF<br>min<br>z<br>phi | .0143757<br>.0537008<br>.0271595<br>107.71887  | max              | •2045089<br>•0282843              |
|                     |   |                         |  |                         |  |                     |  |                       |  |                  | 06-01                             |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0100000<br>4.322195<br>.0707107  | PRB<br>SAB<br>gam       | .2400000<br>.9772919<br>3.063329<br>20.354386  | w2<br>PRC<br>Sf<br>b-al | .0500000<br>1.347241<br>3.136800<br>12.555675  | W3<br>L<br>K<br>the | .0200000<br>.1710453<br>.1038923<br>102.55570  | SF<br>min<br>z<br>phi | .01.97001<br>.0671530<br>.0236624<br>110.35441 | IFr<br>mex<br>m  | .8679400<br>.2045089<br>.0282843  |
|                     |   | _                       |  |                         |  |                     |  |                       |  |                  | 0                                 |
| N<br>PRA<br>Si<br>n | 4.0000000<br>1.0200000<br>3.241633<br>.0707107  | wl<br>PRB<br>SAB<br>gam | .2400000<br>.9509866<br>2.586465<br>20.354386  | w2<br>PRC<br>Sf<br>b-al | .0500000<br>1.330787<br>3.136118<br>15.121537  | w3<br>L<br>K<br>the | .0300000<br>.1024265<br>.0335987<br>105.12156  | SF<br>min<br>z<br>phi | .0224953<br>.0688278<br>.0633674<br>110.35441  | LFr<br>max<br>m  | .8356781<br>.1920416<br>.0424264  |
| -                   | 00101201  | 0                       | _0,,,,,  |                         |  |                     |  |                       |  |                  |                                   |
| N<br>PRA<br>Si      | 4.0000000<br>1.0100000<br>4.322184              | Wl<br>PRB<br>SAB        | .2400000<br>.9883052<br>3.020944               | w2<br>PRC<br>Sf         | .0600000<br>1.293997<br>3.135001               | w3<br>L<br>K        | .0200000<br>.1763420<br>.0952139               | SF<br>min<br>z        | .0266399<br>.0811282<br>.01991 <b>7</b> 0      | IFr<br>max<br>m  | .8866358<br>.2045089<br>.0282843  |
| n ·                 | 0848528   | gam                     | 23.035286                                      |                         | 12.555675                                      | the                 | 102.55570                                      | phi                   | 1.13.03531                                     |                  | 0                                 |
| -                   |   |                         |  |                         |  |                     |  | -                     | 2001-750                                       |                  | Olemanor                          |
| <b>N</b><br>PRA     | 4.0000000                                       | wl<br>PRB               | .2400000<br>.9599420                           | w2<br>PRC               | .0600000                                       | <b>w</b> 3          | .0300000                                       | SF•<br>min            | .0294352<br>.0828030                           | LFr<br>max       | .8477507<br>.192041.6             |
| Si                  | 3.241622  | SAB                     | 2.544080                                       | Sf                      | 1.283700<br>3.134320                           | K                   | .1077232<br>.0249203                           | Z                     | .0596221                                       | · m              | .0424264                          |
| n                   | .0848528  | gam                     | 23.035286                                      | b-al                    |  | the                 | 105.12156                                      | phi                   | 113.03531                                      |                  |                                   |
| λT                  | 1. 0000000                                      | 7                       | alicana  |                         | 0600000  | 7                   | aliaman  | SF                    | .0332823                                       | LFr              | .9341173                          |
| N<br>PRA            | 4.0000000                                       | wl<br>PRB               | .2400000<br>.9512283                           | w2<br>PRC               | .0600000<br>1.266292                           | w3<br>L             | .0400000<br>.1739979                           | min                   | .0839957                                       | max              | 1.790922                          |
| Si                  | 4.322202  | SAB                     | 3.149211                                       | Sf                      | 3.133341                                       | K                   | .0900022                                       | Z                     | .0036022                                       | m                | .0565686                          |
| n                   | .0848528  | gam                     | 23.035286                                      | b-al                    | 17.718849                                      | the                 | 107.71.887                                     | • phi                 | 113.03531                                      |                  |                                   |
| N                   | 4.0000000                                       | wl.                     | • 2400000                                      | w2                      | .0700000                                       | w3                  | .0200000                                       | SF                    | .0354939                                       | LFr              | •9055529                          |
| PRA                 | 1.0100000                                       | PRB                     | 1.0005622                                      | PRC                     | 1.2440173                                      | L                   | .1820316                                       | min                   | .0956663                                       | max              | 2045089                           |
| Si                  | 4.322191  | SAB                     | 2.975435                                       | Sf                      | 3.132615                                       | K                   | .0863653                                       | Z                     | .0158938                                       | m                | .0282843                          |
| n                   | .0989950  | gam ·                   | 25.771112                                      | b-al                    | 12.555675                                      | the                 | 102.55570                                      | phi                   | 115.77113                                      |                  | - 1                               |
| N                   | 4.0000000                                       | wl                      | .2400000                                       | W2                      | .0700000                                       | w3                  | .0300000                                       | SF                    | .0382900                                       | LFr              | .8600903                          |
| PRA                 | 1.0200000                                       | PRB                     | .9687452                                       | PRC                     | 1.293932                                       | L                   | .1134129                                       | min                   | .0973411                                       | max              | .1920416                          |
| Si                  | 3.241629  | SAB                     | 2.498571                                       | Sf                      | 3.131934                                       | K                   | .0160717                                       | Z                     | .0555989                                       | m                | .0424264                          |
| n                   | .0989950  | gam                     | 25.771112                                      | . b-al                  | 15.1.21.537                                    | the                 | 105.12156                                      | phi                   | 115.77113                                      | 2-LEV            | EL THRUST                         |
| N                   | 4.0000000                                       | wl                      | .2400000                                       | w2                      | .0800000                                       | w3                  | .0200000                                       | SF                    | .0465756                                       | LFr              | .9248161                          |
| PRA                 | 1.0100000                                       | PRB                     | 1.0137545                                      | PRC                     | 1.1976446                                      | L                   | .1881466                                       | min                   | .1108003                                       | max              | 2045089                           |
| Si                  | 4.322161  | SAB                     | 2.926485                                       | Sf                      | 3.129522                                       | K                   | .0773463                                       | Z                     | .01.15699                                      | m                | .0282843                          |
| n                   | .1131371  | gam                     | 28.571587                                      | J.S. Q                  | 12.555675                                      | the                 | 1.02.55570                                     | phi                   | 118.57161                                      |                  |                                   |
| N                   | 4.0000000                                       | $M_{J}^{-}$             | .2400000                                       | w2                      | .0800000                                       | w3                  | .0300000                                       | SF                    | .0493717                                       | LFr              | .8728180                          |
| PRA                 | 1.0193740                                       | PRB                     | .9713049                                       | PRC                     | 1.316092                                       | L                   | 1195297  | min                   | .1124752                                       | max              | 1920416                           |
| Si<br>n             | 3.241.630<br>.1131371                           | SAB                     | 2.447607<br>28.571587                          | Sf                      | 3.128840<br>15.121537                          | K                   | .0070546                                       | z<br>phi              | .051.2736<br>118.57161                         | m ,<br>O_T EW    | .0424264<br>EI. THRUST            |
| 11                  | ا، الرماء لرماء لمانية                          | gam                     | 100 / ITJO!                                    | D-9"                    | エン・アセアンン!                                      | PITE                | 107016170                                      | FILL                  | T.10. )   TOT                                  | ۷ فنلما = ت      | THION'T                           |

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No. 100

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part 1

E Company of the Comp

Contempt

N 4.0000000 wl .2400000 w2 .0900000 w3 .0200000 SF .0602341 IFr .9445801 PRA 1.0100000 PRB 1.0277743 PRC 1.1548317 L .1947403 min .1265771 max .2045089 S1 4.322186 SAB 2.873760 Sf 3.125557 K .0681633 z .0069075 m .0282843 n .1272792 gam 31.448751 b-al 12.555675 the 102.55570 phi 121.44877

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The consequent of the last

HOLDER

Table 100

| N        | 5.0000000             | wl         | .0600000             | w2            | .0400000             | w3         | .0200000             | SF          | .0178223               | LFr        | •3493090                 |
|----------|-----------------------|------------|----------------------|---------------|----------------------|------------|----------------------|-------------|------------------------|------------|--------------------------|
| PRA      | •9900000              | PRB        | .9546219             | PRC           | .9427053             | L          | .1386414             | min         | .0645368               | max        | .3794580                 |
| Si       | 5.650636              | SAB        | 4.272701             | Sf            | 3.269053             | K          | .0741046             | Z ·         | .1415484               | m          | .0340261                 |
| n        | .0680521              | gam        | 9.830318             | b-al          | 7.004632             | the        | 97.004655            | p <b>hi</b> | 99.830342              |            |                          |
| N        | 5.0000000             | wl ·       | .0800000             | w2            | .04000000            | w3         | .0200000             | SF          | .0156870               | LFr        | .4231720                 |
| PRA      | 9900000               | PRB        | •9539334             | PRC           | 9618884              | L          | .1450253             | min         | .0646905               | max        | .3592946                 |
| Si       | 5.650614              | SAB        | 4.208839             | Sf            | 3.214219             | K          | .0803348             | Z           | ·1259444               | m          | .0340261                 |
| n        | .0680521              | gam        | 10.339847            | b-al          | 7.365781             | the        | 97.365804            | phi         | 100.33987              |            | 0                        |
| N        | 5.0000000             | wl "       | .0800000             | w2            | •0500000             | w3         | .0200000             | SF          | .0216103               | LFr        | .4410229                 |
| PRA      | •9900000              | PRB        | 9535540              | PRC           | 9438193              | L          | 1494789              | min         | .0804200               | max        | .3592946                 |
| Si       | 5.650615              | SAB        | 4.16/304             | Sf            | 3.249342             | ĸ          | 0690589              | Z           | 1233266                | m          | .0340261                 |
| n        | .0850651              | gam        | 11.836985            | b-al          | 7.365781             | the        | 97.365804            | phi         | 101.83701              |            | 4                        |
|          | <b>5</b> 222222       |            | 202222               |               | 0500000              |            | 0700000              | CTEI        | 0016506                | T 173      | Cookeaz                  |
| N        | 5.0000000             | Wl         | .0800000             | w2            | .0500000             | w3         | .0300000             | SF<br>min   | .0246506<br>· .0822317 | LFr<br>max | .6094523<br>.3440933     |
| PRA      | •9900000              | PRB        | •9590777<br>5 606600 | PRC           | .9378809             | L          | .2881947             |             | .0328564               |            | .0510391                 |
| Si·      | 8.475929              | SAB        | .5.606699            | Sf            | 3.263910             | K          | .2059629             | Z           | 101.83701              | m          | •0710791                 |
| n        | .0850651              | gam        | 11.836985            | b-al          | 8.849800             | the        | 98.849823            | phi         | 101.00/01              |            |                          |
| N        | 5.0000000             | wl         | .0800000             | w2            | .0600000             | w3         | .0200000             | SF          | .0295048               | LFr        | .4582625                 |
| PRA      | •9900000              | PRB        | •9548074             | PRC           | .9309765             | L          | .1540928             | min         | .0964140               | mex        | .3592946                 |
| Si       | 5.650632              | SAB        | 4.118182             | Sf            | 3.305184             | K          | .0576789             | Z           | .1206146               | m          | •0340261                 |
| n        | .1020781              | gam        | 13.342119            | b-al          | 7.365781             | the        | 97.365804            | phi         | 103.34214              |            |                          |
| N        | 5.0000000             | wl         | .0800000             | w2            | .0600000             | w3         | .0300000             | SF          | .0325451               | LFr        | .6447106                 |
| PRA      | •9900000              | PRB        | •9579449             | PRC           | .9283814             | L          | .2928085             | min         | .0982257               | mex        | ·3440933                 |
| Si       | 8.475946              | SAB        | 5.560577             | $\mathtt{Sf}$ | 3.319752             | K          | .1945829             | Z           | ·0301444               | m .        | .0510391                 |
| n        | .1020781              | gam        | 13.342119            | b-al          | 8.849800             | the        | 98.849823            | phi         | 103.34214              |            |                          |
| N        | 5.0000000.            | wl         | .0800000             | w2            | .0600000             | w3         | .0400000             | SF          | .0366650               | LFY        | .5087652                 |
| PRA      | .9800000              | PRB        | .9370710             | PRC           | .9234104             | Ĺ          | .1488819             | min         | .0997753               | mex        | .3286299                 |
| Si       | 5.650623              | SAB        | 4.178759             | Sf            | 3.342450             | K          | .0491066             | Z           | .1056532               | m          | .0680521                 |
| n        | 1020781               | gem        | 13.342119            |               | 10.339847            | the        | 100.33987            | phi         | 103.34214              |            |                          |
| RY       | E 0000000             | **1        | .1000000             | w2            | .0400000             | w3         | .0200000             | SF          | .0145636               | LFr        | .4938679                 |
| N<br>PRA | <b>•99</b> 00000      | Wl<br>PRB  | .9532223             | PRC           | .9915832             | L          | .1514225             | min         | .0648615               | max        | .3391140                 |
| Si       | 5.650600              | SAB        | 4.144853             | Sf            | 3.188261             | ĸ          | .0865610             | Z           | .1103223               | m          | .0340261                 |
| n        | .0680521              | gem        | 10.905430            | b-al          | 7.766312             | the        | 97.766335            | phi         | 100.90545              |            | ,                        |
| 3.7      | F 0000000             | 7          | 1000000              | 0             | 0500000              | 207        | 0000000              | CTG         | oz ookoo               | T Tibes    | . 61061/12               |
| N<br>PRA | 5.0000000<br>.9900000 | MT.        | .1000000<br>.9528217 | w2<br>PRC     | .0500000<br>.9675492 | <b>W</b> 5 | .0200000<br>.1559429 | SF<br>min   | .0199490<br>.0807010   | LFr        | • .5126143<br>• .3391140 |
| Si       | 5.650618              | PRB<br>SAB | 4.099666             | Sf            | 3.208675             | L<br>K     | .0752420             | Z           | .1076653               | max<br>. m | .0340261                 |
| n        | .0850651              | gam        | 12.486886            | b-al          | 7.766312             | the        | 97.766335            | phi         | 102.48691              | • 111      | .0740201                 |
| •        | •00)00)1              | Pomi       | 12.400000            | D-GI          | 1.10071              | UIIC       | 71.100777            | P           | 102.                   |            |                          |
| N        | 5.0000000             | wl         | .1000000             | w2            | •0500000             | w3         | .0300000             | SF          | .0227661               | LFr        | .4661026                 |
| PRA      | 9767051               | PRB        | .9269409 •           | PRC           | 1.0182294            | L          | .0827274             | min         | .0824350               | max        | .3238351 .               |
| Si       | 4.237969              | SAB        | 3.409447             | Sf            | 3.217968             | K          | .0002924             | Z           | .1417195               | m          | .0510391                 |
| n        | .0850651              | gam        | 12.486886            | b-al          | 9.332330             | the        | 99.332353            | . phi       | 102.48691              | 2-LEV      | EL THRUST                |
| N        | 5.0000000             | wl         | .1000000             | w2            | .0500000             | w3         | .0300000             | SF          | .0227661               | LFr        | .6819391                 |
| PRA      | •9900000              | PRB        | 9586028              | PRC           | 9595827              | L          | .2946243             | min         | .0824350               | max        | .3238351                 |
| Si       | 8.475907              | SAB        | 5.542380             | Sf            | 3.217968             | K          | .2121893             | Z           | .0171697               | m          | .0510391                 |
| n        | •0850651              | gam        | 12.486886            | b-al          | 9.332330             | the        | 99.332353            | phi         | 102.48691              |            |                          |
| N        | 5.0000000             | wl         | .1000000             | w2            | .0600000             | w3         | .0200000             | SF          | .0269890               | LFr        | -5307675                 |
| PRA      | •9900000              | PRB        | •9540777             | PRC           | .9459058             | Ľ          | .1606312             | min         | .0968210               | max        | 3391140                  |
| Si       | 5.650579              | SAB        | 4.052745             | Sf            | 3.238293             | K          | .0638102             | Z           | .1049096               | m          | .0340261                 |
| n        | .1020781              | gam        | 14.077758            | b-al          | 7.766312             | the        | 97.766335            | phi         | 104.07778              |            | 1.4                      |
| N        | 5.0000000             | wl         | .1000000             | w2            | .0600000             | w3         | .0300000             | SF          | .0298061               | LFr        | .7181301                 |
| PRA      | •9900000              | PRB        | .9574469             | PRC           | .9416065             | L          | .2993164             | min         | .0985551               | mex        | 3238351                  |
| Si       | 8.475944              | SAB        | 5.495497             | Sf            | 3.247586             | K          | .2007614             | Z           | .0144117               | m          | 0510391                  |
| n.       | .1020781              |            | 14.077758            | b-al          | 9.332330             | the        | 99.332353            | phi         | 104.07778              |            |                          |
|          |                       |            |                      |               |                      |            |                      |             |                        |            |                          |

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|---------------------|---|---|--|-----------------------|---|-----------------------|---|--------------------------|--|
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650593<br>.1020781 | wl .1000000<br>PRB .9360812<br>SAB 4.114051<br>gam 14.077758    | w2 .0600000<br>PRC .9338311<br>Sf 3.261547<br>b-al 10.905430 | • w3<br>L<br>K<br>the | .0400000<br>.1553497<br>.0553385<br>100.90545 | SF<br>min<br>z<br>phi | .0335865<br>.1000112<br>.0898891<br>104.07778 | IFr<br>max<br>m          | .5831318<br>.3082782<br>.0680521         |
| N<br>PR4<br>Si<br>n | 5.0000000<br>.9900000<br>5.650604<br>.1190912 | wl .1000000<br>PRB .9562068<br>SAB 4.003961<br>gam 15.680121    | w2 .0700000<br>PRC .9287552<br>Sf 3.281659<br>b-al 7.766312  | w3<br>L<br>K<br>the   | .0200000<br>.1655121<br>.0522664<br>97.766335 | SF<br>min<br>z<br>phi | .0360470<br>.1132457<br>.1020407<br>105.68014 | LFr<br>max<br>m          | .5484038<br>.3391140<br>.0340261         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>8.475969<br>.1190912 | wl .1000000<br>PRB .9578060<br>SAB * 5.446712<br>gam 15.680121  | w2 .0700000<br>PRC .9264643<br>Sf 3.290952<br>b-al 9.332330  | w3<br>L<br>K<br>the   | .0300000<br>.3041973<br>.1892175<br>99.332353 | SF<br>min<br>z<br>phi | .0388641<br>.1149798<br>.0115428<br>105.68014 | LFr<br>mex<br>m          | .7538242<br>.3238351<br>.0510391         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650618<br>.1190912 | wl .1000000<br>PRB .9330221<br>SAB 4.065267<br>gam 15.680121    | w2 .0700000<br>PRC .9225209<br>Sf 3.304913<br>b-al 10.905430 | w3<br>L<br>K<br>the   | .0400000<br>.1602306<br>.0437947<br>100.90545 | SF<br>min<br>z<br>phi | .0426445<br>.1164360<br>.0870202<br>105.68014 | LFr<br>max<br>m          | .6009312<br>.3082782<br>.0680521         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>7.063276<br>.1190912 | vl .1000000<br>PRB .9386427<br>SAB 4.803968<br>gam 15.680121    | w2 .0700000<br>PRC .9155011<br>Sf 3.325327<br>b-al 12.486886 | w3°<br>L<br>K<br>the  | .0500000<br>.2280502<br>.1104405<br>102.48691 | SF<br>min<br>z<br>phi | .0481444<br>.1176097<br>.0378467<br>105.68014 | LFr<br>max<br>m          | •7378025<br>•2924390<br>•0850651         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>5.650652<br>.1361042 | wl .1000000<br>PRB .9588673<br>SAB 3.953273<br>gam 17.295137    | w2 .0800000<br>PRC .9185956<br>Sf 3.347786<br>b-al 7.766312  | w3<br>L<br>K<br>the   | .0200000<br>.1705856<br>.0406139<br>97.766335 | SF<br>min<br>z<br>phi | .0475273<br>.1299718<br>.0990585<br>107.29516 | LFr<br>max<br>m          | .5655689<br>.3391140<br>.0340261         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>8.475902<br>.1361042 | .wl · .1000000<br>PRB .9589700<br>SAB 5.395967<br>gam 17.295137 | w2 .0800000 PRC .9175069<br>Sf 3.357079<br>b-al 9.332330     | W3<br>L<br>K<br>the   | .0300000<br>.3092652<br>.1775593<br>99.332353 | SF<br>min<br>z<br>phi | .0503445<br>.1317059<br>.0085640<br>107.29516 | LFr<br>mex<br>m          | .7890682<br>.3238351<br>.0510391         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650627<br>.1361042 | wl .1000000<br>PRB .9323354<br>SAB 4.014560<br>gam 17.295137    | w2 .0800000<br>PRC .9156829<br>Sf 3.371040<br>b-al 10.905430 | w3.<br>L<br>K<br>the  | .0400000<br>.1653023<br>.0321403<br>100.90545 | SF<br>min<br>z<br>phi | .0541248<br>.1331620<br>.0840391<br>107.29516 | LFr<br>max<br>m          | .6183081<br>.3082782<br>.0680521         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>7.063286<br>.1361042 | wl .1000000<br>PRB .9349957<br>SAB 4.753261<br>gam 17.295137    | w2 .0800000<br>PRC .9125758<br>Sf 3.391454<br>b-al 12.486886 | w3<br>L<br>K<br>the   | .0500000<br>.2331219<br>.0987861<br>102.48691 | SF<br>min<br>z<br>phi | .0596256<br>.1343358<br>.0348657<br>107.29516 | LFr<br>max<br>m          | .7643109<br>.2924390<br>.0850651         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9700000<br>5.650616<br>.1361042 | wl .1000000 • PRB .9203762 SAB 4.080399 gam 17.295137           | w2 .0800000<br>PRC .9109495<br>Sf 3.421073<br>b-al 14.077758 | w3<br>L<br>K<br>the   | .0600000<br>.1595650<br>.0243364<br>104.07778 | SF<br>min<br>z<br>phi | .0666075<br>.1352286<br>.0686262<br>107.29516 | LFr<br>mex<br>m<br>2-LEV | 6780205<br>2763188<br>•1020781<br>THRUST |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.990000<br>5.650618<br>.0680521  | wl .1200000<br>PRB .9524871<br>SAB 4.080726<br>gam 11.536921    | w2 .0400000<br>PRC 1.0272610<br>Sf 3.173178<br>b-al 8.213082 | w3<br>L<br>K<br>the   | .0200000<br>.1578369<br>.0927838<br>98.213105 | SF<br>min<br>z<br>phi | .0140133<br>.0650531<br>.0946784<br>101.53694 | IFr<br>max<br>m          | .5614014<br>.3189135<br>.0340261         |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>5.650604<br>.0850651 | wl .1200000<br>PRB .9520631<br>SAB 4.034783<br>gam 13.212954    | w2 .0500000<br>PRC .9989474<br>Sf 3.186323<br>b-al 8.213082  | w3<br>L<br>K<br>the   | .0200000<br>.1624298<br>.0814148<br>98.213105 | SF<br>min<br>z<br>phi | .0191431<br>.0810151<br>.0919788<br>103.21298 | IFr<br>mex<br>m          | .5810547<br>.3189135<br>.0340261         |
| N<br>PRA<br>S1      | 5.0000000<br>.9797256<br>4.237969             | wl .1200000<br>PRB .9290532<br>SAB 3.357742                     | w2 .0500000<br>PRC 1.0234198<br>Sf 3.192579                  | w3<br>L<br>K          | .0300000<br>.0891781<br>.0065165              | SF<br>min<br>z        | .0218535<br>.0826616<br>.1260029              | LFr<br>max<br>m          | .5354548<br>.3035470<br>.0510391         |
| n                   | .0850651                                      | gam 13.212954   | b-al 9.870816  | the                   | 99.870839                                     | phi                   | 103.21298                                     |                          | EL THRUST                                |

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|---------------------|--|--------------------------|---|-------------------------|---|----------------------|---|-----------------------|---|--------------------------|---|
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>8.475945<br>.0850651  | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9581154<br>5.477892<br>13.212954 | w2<br>PRC<br>Sf<br>b-al | .0500000<br>.9894072<br>3.192579<br>9.870816    | w3<br>L<br>K<br>the  | .0300000<br>.3010769<br>.2184153<br>99.870839 | SF<br>min<br>z<br>phi | .0218535<br>.0826616<br>.0014519<br>103.21298 | LFr<br>max<br>m          | .7512932<br>.3035470<br>.0510391              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>5.650649<br>.1020781  | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9533206<br>3.987012<br>14.900327 | w2<br>PRC<br>Sf<br>b-al | .0600000<br>.9721414<br>3.204694<br>8.213082    | w3<br>L<br>K<br>the  | .0200000<br>.1672115<br>.0699322<br>98.213105 | SF<br>min<br>z<br>phi | .0258045<br>.0972794<br>.0891681<br>104.90035 | °LFr<br>max<br>m         | .6001482<br>.3189135<br>.0340261              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.65061.1<br>.1020781 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9350556<br>4.049086<br>14.900327 | w2<br>PRC<br>Sf<br>b-al | .0600000<br>.9568558<br>3.220176<br>11.536921   | w3<br>L<br>K<br>the  | .0400000<br>.1618481<br>.0615700<br>101.53694 | SF<br>min<br>z<br>phi | .0321350 • .1002781 .0740833                  | LFr<br>max<br>m          | .6544018<br>.2878862<br>.0680521              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>5.650605<br>.1190912  | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9554639<br>3.937166<br>16.601296 | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9483593<br>3.230123<br>8.213082    | w3<br>L<br>K<br>the  | .0200000<br>.1721916<br>.0583252<br>98.213105 | SF<br>min<br>z<br>phi | .0342875<br>.1138664<br>.0862409<br>106.60132 | LFr<br>max<br>m          | .6187458<br>.3189135<br>.0340261              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650605<br>.11.90912 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9319166<br>3.999259<br>16.601296 | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9394561<br>3.245606<br>11.536921   | w3<br>L<br>K<br>the  | .0400000<br>.1668301<br>.0499649<br>101.53694 | SF<br>min<br>z<br>phi | .0406180<br>.1168652<br>.0711550<br>106.60132 | LFr<br>max<br>m          | .6732054<br>.2878862<br>.0680521              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>7.063280<br>.1190912  | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9377943<br>4.738454<br>16.601296 | w2<br>PRC<br>Sf<br>b-al | .0700000<br>.9299341<br>3.258751<br>13.212954   | w3<br>L<br>K<br>the  | .0500000<br>.2346020<br>.1166858<br>103.21298 | SF<br>min<br>z<br>phi | .0458555<br>.1179162<br>.0219375<br>106.60132 | LFr<br>max<br>m          | .8110743<br>.2719242<br>.0850651              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>5.650619<br>.1361.042 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9581472<br>3.885263<br>18.317487 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9286166<br>3.265513<br>8.213082    | w3<br>L<br>K<br>the  | .0200000<br>.1773834<br>.0466055<br>98.213105 | SF<br>min<br>z<br>phi | .0448914<br>.1307780<br>.0831893<br>108.31751 | LFr<br>max<br>m          | .6369152<br>.3189135<br>.0340261              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650619<br>.1361042  | wl.<br>PRB<br>SAB<br>gam | .1200000<br>.9311835<br>3.947356<br>18.317487 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9233925<br>3.280995<br>11.536921   | w3<br>L<br>K<br>the  | .0400000<br>.1720219<br>.0382452              | SF<br>min<br>z<br>phi | .0512219<br>.1337767<br>.0681033<br>108.31751 | LFr<br>max<br>m          | .6916323<br>.2878862<br>.0680521              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>7.063294<br>.1361.042 | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9340704<br>4.686550<br>18.317487 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9181393<br>3.294140<br>13.212954   | w3<br>L<br>K<br>the  | .0500000<br>.2397938<br>.1049660<br>103.21298 | SF<br>min<br>z<br>phi | .0564594<br>.1348278<br>.0188858<br>108.31751 | LFr<br>max<br>m          | .8386545<br>.2719242<br>.0850651              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9700000<br>5.650618<br>.1361042  | wl.<br>PRB<br>SAB<br>gam | .1200000<br>.9190235<br>4.014235<br>18.317487 | w2<br>PRC<br>Sf<br>b-al | .0800000<br>.9092659<br>3.312511<br>14.900326   | w3<br>L<br>K<br>the  | .0600000<br>.1661816<br>.0306051<br>104.90035 | SF<br>min<br>z<br>phi | .0630674<br>.1355765<br>.0525940<br>108.31751 | LFr<br>max<br>m          | •7534390<br>•2556599<br>•1020781              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.990000<br>5.650632<br>.1531172   | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9612021<br>3.831164<br>20.050887 | w2<br>PRC<br>Sf<br>b-al | .0900000<br>.9141289<br>3.315763<br>8.213082    | w3<br>L<br>K<br>the  | .0200000<br>.1827946<br>.0347713<br>98.213105 | SF<br>min<br>z<br>phi | .0579672<br>.1480233<br>.0800087<br>110.05091 | LFr<br>max<br>m          | .6547108<br>.3189135<br>.0340261              |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650593<br>.1531172  | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9317050<br>3.893238<br>20.050887 |                         | .0900000<br>.9183691<br>3.331245<br>11.536921   | w3<br>L<br>K<br>the  | .0400000<br>.1774311<br>.0264091<br>101.53694 | SF<br>min<br>z<br>phi | .0642977<br>.1510220<br>.0649238<br>110.05091 | LFr<br>max<br>m<br>2-LEV | •7097359<br>•2878862<br>•0680521<br>EL THRUST |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>7.063269<br>.1531172  | wl<br>PRB<br>SAB<br>gam  | .1200000<br>.9326926<br>4.632432<br>20.050887 | w2<br>PRC<br>Sf<br>b-al | .0900000 •<br>.9083663<br>3.344391<br>13.212954 | w3<br>L.<br>K<br>the | .0500000<br>.2452030<br>.0931299<br>103.21298 | SF<br>min<br>z<br>phi | .0695353<br>.1520731<br>.0157063<br>110.05091 | LFr<br>max<br>m          | .8659449<br>.2719242<br>.0850651              |

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|-----------|------------------------|------------|---------------------------------|------------|-----------------------|------------|-----------------------|-------------|------------------------|--------------|-------------------------|
| N         | 5.0000000              | wl         | .1.200000                       | w2         | .0900000              | w3         | .0600000              | SF          | .0761433               | LFr          | .7719507                |
| PRA       | .9700363               | PRB        | .9112514                        | PRC        | .9318055              | L          | .1715927              | min         | .1528218               | max          | .2556599                |
| Si        | 5.650630               | SAB        | 3.960341                        | Sf         | 3.362762              | K          | .0187709              | Z           | .0494134               | m            | 1020781                 |
| n         | .1531172               | gem        | 20.050887                       | b-al       | 14.900326             | the        | 104.90035             | phi         | 110.05091              | 2=115        | VEL THRUST              |
| N         | 5.0000000              | wl         | .1200000                        | w2         | .1000000              | w3         | .0200000              | SF          | .0739727               | LFr          | .6721888                |
| PRA       | .9900000               | PRB        | .9631579                        | PRC        | .9325564              | L          | .1884346              | min         | .1656126               | max          | .3189135                |
| Si        | 5.650601.              | SAB        | 3.774733                        | Sf         | 3.390461              | K          | .0228220              | z           | .0766935               | m            | .0340261.               |
| n         | .1701302               | gam        | 21.803625                       | b-al       | 8.21.3082             | the        | 98.213105             | ph1         | 111.80365              | 2-146        | VEL THRUST              |
| N         | 5.0000000              | wl         | .1200000                        | w2         | .1000000              | w3         | .0400000              | SF          | .0803032               | LFr          | .7275877                |
| PRA       | .9800000               | PRB        | .9273250                        | PRC        | .9572678              | L          | .1830731              | min         | .1686113               | mex          | .2878862                |
| Si        | 5.650601               | SAB        | 3.836826                        | Sf         | 3.405944              | K<br>the   | .0144617<br>101.53694 | z<br>phi    | .0616076               | т<br>2_т ю   | .0680521<br>Vej. Thrust |
| n         | •1701302               | gam        | 21.803625                       | n-er.      | 11.536921             | Olic       | 10.1.077074           | PILL        | 121,000                | 2-100        | THOOL                   |
| N         | 5.0000000              | wl         | .1200000                        | w2         | .1000000              | w3         | .0500000              | SF          | .0855408               | LFr          | .8930101                |
| PRA       | .9800000               | PRB        | 9325948                         | PRC        | .9043614              | L          | .2508450              | min         | .1696624               | ma.x         | .2719242.               |
| Si        | 7.063276               | SAB        | 4.576020                        | Sf         | 3.419089              | K          | .0811826<br>103.21298 | Z           | .0123901               | m            | .0850651                |
| n         | •1701302               | gem        | 21.803625                       | D=a.I      | 13.212954             | the        | 103.2.1290            | phi         | 111.0000               |              |                         |
| N         | 5.0000000              | wl         | .1400000                        | w2         | .0400000              | w3         | .0200000              | SF          | .0138550               | LFr          | .6257830                |
| PRA       | •9900000               | PRB        | .9517264                        | PRC        | 1.0677824             | L          | 1642685               | min         | .0652678               | max          | .2986883                |
| Si        | 5.650617               | SAB        | 4.016410<br>12.246622           | Sf<br>b-al | 3.163288<br>8.714620  | K<br>the   | .0990007<br>98.714643 | z<br>phi    | .0790100<br>102.24664  | m            | .0340261                |
| n         | •0680521.              | gem        | 12.240022                       | 0-al       | 0.114020              | OHE        | 90. (1404)            | PILL        | 102,21001              |              | - 27                    |
| N         | 5.0000000              | wl         | .1400000                        | w2         | .0500000              | <b>w</b> 3 | .0200000              | SF          | .0189114               | LFr          | .6463604                |
| PRA       | .9900000               | *PRB       | .9512762                        | PRC        | 1.0356444             | L          | .1689491              | min         | 0813703                | max          | .2986883                |
| Si<br>n   | 5.650639<br>.0850651   | ŞAB<br>gem | 3.969626<br>14.0 <b>2</b> 9656  | Sf<br>b-al | 3.172057<br>8.714620  | K<br>the   | .0875788<br>98.714643 | z<br>phi    | .0762588<br>104.02968  | m            | .0340261                |
| 7.60      | •                      | Rom        | 14.023000                       | D-a.i.     | 0.11-020              | Onc        | J0.11.101J            | P           | 101102700              |              |                         |
| N         | 5.0000000              | wl         | .1400000                        | w2         | .0500000              | w3         | .0300000              | SF          | .0215883               | LFr          | .6016808                |
| PRA       | .9800000               | PRB        | .9300326                        | PRC        | 1.0367864             | L          | .0956535              | min         | .0829201               | max ·        | .2832250                |
| Si        | .4.237936              | SAB        | 3.294117                        | Sf         | 3.176336<br>10.475587 | K<br>the   | .0127335<br>100.47561 | z<br>phi    | .1102518               | m<br>2_⊺ਜ਼ਾ\ | .0510391<br>EL THRUST   |
| n         | .0850651               | gam        | 14.029656                       | D-all      | 10.413301             | OTIC       | 100.41701             | Pitt        | 104.02300              | 2-110        | III IIIIOII             |
| N         | 5.0000000              | wl         | .1400000                        | <b>w</b> 2 | .0600000              | <b>w</b> 3 | .0200000              | SF          | .0254498               | LFr          | .6664076                |
| PRA       | :9900000               | PRB        | . •9525324                      | PRC        | 1.0046603             | I.         | .1738281              | min         | .0977961               | max          | .2986883<br>.0340261    |
| S1        | 5.650612               | SAB        | 3.920808<br>15.826319           | Sf<br>b-al | 3.1.84098<br>8.714620 | K<br>the   | .0760321<br>98.714643 | z<br>phi    | .073391.0<br>105.82634 | m            | .0340201                |
| n         | .1020781               | gam        |                                 | U=all      |                       | Onc        |                       |             |                        |              | C- +0                   |
| N         | 5.0000000              | wl         | .1400000                        | w2         | .0600000              | w3         | .0300000              | SF          | .0281258               | LFr          | .6128235                |
| PRA<br>Si | •9774175<br>4•237984   | PRB        | .9187992<br>3.234393            | PRC<br>Sf  | 1.0728930<br>3.188377 | L<br>K     | .1005364<br>.0011905  | min<br>z    | .0993459               | max<br>m     | .2832250<br>.0510391    |
| n         | .1020781               | SAB        | 15.826319                       |            | 10.475587             | the        | 100.47561             | phi         | 105.82634              |              | EL THRUST               |
|           |                        | 0          |                                 |            |                       |            |                       |             |                        |              |                         |
| N<br>PRA  | 5.0000000<br>.9800000  | wl<br>PRB  | .1400000<br>.933991.1           | w2<br>PRC  | .0600000<br>.9866706  | w3<br>L    | .0400000<br>.1683788  | SF<br>min   | .0317030<br>.1005802   | LFr<br>max   | .7225895<br>.2674464    |
| Si        | 5.650616               | SAB        | 3.983783                        | Sf         | 3.194626              | K          | .0677986              | 2           | .0582304               | m            | .0680521                |
| n         | .1020781               | gam        | 15.826319                       |            | 12.246622             | the        | 102.24664             | phi         | 105.82634              |              |                         |
|           | •                      | 0          | 27.0207.07                      |            |                       |            |                       |             |                        |              |                         |
| N         | 5.0000000              | wl_        | .1400000                        | <b>w</b> 2 | .0700000              | w3         | .0200000              | SF          | .0337458               | LFr          | .6860008                |
| PRA<br>Si | •9900000<br>5•650589   | PRB<br>SAB | .9546885<br>3.869783            | PRC<br>Sf  | .97621.52<br>3.200314 | L<br>K     | .1789284<br>.0643593  | min<br>z    | •1145691<br>•0703931   | max<br>m     | .2986883<br>.0340261    |
| n         | .1190912               | gam        | 17.639436                       | b-al       | 8.714620              | the        | 98.714643             | ph <b>i</b> | 107.63946              | 111          | •07-0201                |
|           |                        |            |                                 |            |                       |            |                       | •           |                        |              | -1 -1                   |
| N<br>DDA  | 5.0000000              | wl         | .1400000                        | w2         | .0700000              | w3         | •0400000              | SF          | .0399990               | LFr          | .7424326<br>.2674464    |
| PRA<br>Si | •9800000<br>5•650593   | PRB<br>SAB | .9307654<br>3.932758            | PRC<br>Sf  | .9651849<br>3.210842  | ´L<br>K    | •1734791<br>•0561259  | min<br>z    | .1173532<br>.0552326   | max<br>m     | .0680521                |
| n         | .1190912               | gam        | 17.639436                       |            | 12.246622             | the        | 102.24664             | phi         | 107.63946              | 1345         | .0000744                |
|           |                        |            |                                 |            |                       |            |                       |             |                        |              | ma=1:/=0                |
| N<br>PRA  | 5.0000000<br>.9671.649 | wl<br>PRB  | .1400000 °<br>.91051 <b>7</b> 8 | w2<br>PRC  | .0700000<br>1.0155350 | w3<br>L    | .0500000<br>.1234741  | SF<br>min   | .0451574<br>.1182636   | LFr<br>max   | .7014618<br>.2513437    |
| Si        | 4.708825               | SAB        | 3.481930                        | Sf         | 3.2196 1              | K          | .00521.06             | Z           | .0751599               | m.           | .0850651                |
| n         | .1190912               | gam        | 17.639436                       |            | 14.029655             | the        | 104.02968             | phi         | 107.63946              |              | EL THRUST               |
|           |                        |            |                                 |            |                       |            |                       |             |                        |              |                         |

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|---------------------|---|--|--|---------------------|---|--|--------------------------|--|
| N<br>PRA<br>S1<br>n | 5.0000000<br>.9800000<br>7.063295<br>.1190912 | wl .1400000<br>PRB .9369164<br>SAB 4.672513<br>gam 17.639436   | w2 .0700000<br>PRC .9537163<br>Sf 3.219611<br>b-al 14.029655 | w3<br>L<br>K<br>the | .0500000<br>.2411976<br>.1229340<br>104.02968 | SF .0451574<br>min .1182636<br>z .0059637<br>phi 107.63946   | LFr<br>max<br>m          | .8813295<br>.2513437<br>.0850651               |
| N<br>PRA<br>SJ.     | 5.0000000<br>.990000<br>5.650662              | wl .1400000<br>PRB .9573935<br>SAB 3.816526                    | w2 .08000000<br>PRC .9509772<br>Sf 3.222060                  | w3 •<br>L<br>K      |   | SF • .0440521<br>min .1316917<br>z .0672585<br>phi 109.47102 | LFr<br>max<br>m          | .7052097<br>.2986883<br>.0340261               |
| n<br>N              | .1361042<br>5.0000000                         | wl .1400000  | w2 .0800000  | the<br>w3           | .0400000                                      | SF .0503054  | lFr                      | .7619476                                       |
| PRA<br>Si<br>n      | •9800000<br>5•650628<br>•1361042              | PRB .9299794<br>SAB 3.879482<br>gam 19.470994                  | PRC .9439779<br>Sf 3.232588<br>b-al 12.246622                | L<br>K<br>the       | .1788101<br>.0443343<br>102.24664             | min .1344759<br>z .0520991<br>phi 109.47102                  | max                      | .2674464<br>.0680521                           |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>7.063291<br>.1361042 | wi .1400000<br>PRB .9331093<br>SAB 4.619218<br>gam 19.470994   | w2 .0800000<br>PRC .9371424<br>Sf 3.241356<br>b-al 14.029655 | w3<br>L<br>K<br>the | .0500000<br>.2465267<br>.1111405<br>104.02968 | SF .0554638<br>min .1353862<br>z .0028314<br>phi 109.47102   | LFr<br>max<br>m          | .9100266<br>.2513437<br>.0850651               |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9700000<br>5.650641<br>.1361042 | wl .1400000<br>PRB .9176551<br>SAB 3.947520<br>gam 19.470994   | w2 .0800000<br>PRC .9259498<br>Sf 3.253397<br>b-al 15.826319 | w3<br>L<br>K<br>the | .0600000<br>.1728554<br>.0368819<br>105.82634 | SF .0619516<br>min .1359735<br>z .0364795<br>phi 109.47102   | IFr<br>max<br>m          | .8259201<br>.2349180<br>.1020781               |
| N<br>PRA<br>Si<br>n | 5.000000<br>.990000<br>5.650643<br>.1531172   | wl .1400000<br>PRB .9604764<br>• SAB 3.760812<br>gam 21.323511 | w2 .0900000<br>PRC .9294539<br>Sf 3.251276<br>b-al 8.714620  | w3<br>L<br>K<br>the | .0200000<br>.1898308<br>.0406550<br>98.714643 | SF .0566702<br>min .1491758<br>z .0639848<br>phi 111.52353   | LFr<br>max<br>m          | .7240906<br>.2986883<br>.0340261               |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650647<br>.1531172 | wl .1400000<br>PRB .9305099<br>SAB 3.823787<br>gam 21.323511   | w2 .0900000<br>PRC .9249973<br>Sf 3.261804<br>b-al 12.246622 | w3<br>L<br>K<br>the | .0400000<br>.1843815<br>.0324216<br>102.24664 | SF .0629244<br>min .1519600<br>z .0488243<br>phi 111.32353   | IFr<br>max<br>m          | .7812052<br>.2674464<br>.0680521               |
| N<br>PRA<br>Si      | 5.0000000<br>.9900000<br>5.650627<br>.1701302 | wl .1400000<br>PRB .9635699<br>SAB 3.702546<br>gam 23.199708   | w2 .1000000<br>PRC .9224466<br>Sf 3.290977<br>b-al 8.714620  | w3<br>L<br>K<br>the | .0200000<br>.1956558<br>.0286214<br>98.714643 | SF .0719156<br>min .1670344<br>z .0605610<br>phi 113.19973   | IFr<br>max<br>m<br>2-LEV | .7427225<br>.2986883<br>.0340261<br>/EL THRUST |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9800000<br>5.650631<br>.1701302 | wl .1400000<br>PRB .9293747<br>SAB 3.765521<br>gam 23.199708   | w2 .1000000<br>PRC .9434005<br>Sf 3.301505<br>b-al 12.246622 | w3<br>L<br>K<br>the | .0400000<br>.1902065<br>.0203880<br>102.24664 | SF .0781698<br>min .1698186<br>z .0454004<br>phi 113.19973   | IFr<br>max<br>m<br>2-LEV | .8002729<br>.2674464<br>.0680521<br>EL THRUST  |
| N<br>PRA<br>S1<br>n | 5.0000000<br>.9900000<br>5.650663<br>.1871432 | wl .1400000<br>PRB .9610374<br>SAB 3.641586<br>gam 25.102621   | w2 .1100000<br>PRC .9561697<br>Sf 3.346307<br>b-al 8.714620  | w3<br>L<br>K<br>the | .0200000<br>.2017555<br>.0164724<br>98.714643 | SF .0902119<br>min .1852832<br>z .0569756<br>phi 115.10264   | IFr<br>max<br>m<br>2-LEV | .7612009<br>.2986883<br>.0340261<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9898853<br>5.650607<br>.2041563 | wl .1400000<br>PRB .9447992<br>SAB 3.577023-<br>gam 27.035633  | w2 .1200000<br>PRC 1.0141719<br>Sf 3.427464<br>b-al 8.714620 | w3<br>L<br>K<br>the | .0200000<br>.2081413<br>.0042012<br>98.714643 | SF .1120730<br>min .2039401<br>z .0532222<br>phi 117.03566   | IFr<br>max<br>m<br>2-LEV | •7796250<br>•2986883<br>•0340261<br>EL THRUST  |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>5.650591<br>.0680521 | wl .1600000<br>PRB .9509375<br>SAB 3.951840<br>gem 13.050236   | w2 .0400000<br>PRC 1.1129653<br>Sf 3.156179<br>b-al 9.281672 | w3<br>L<br>K<br>the | .0200000<br>.1707230<br>.1052092<br>99.281695 | SF .0140124<br>min .0655138<br>z .0633116<br>phi 103.05026   | IFr<br>max<br>m          | .6870194<br>.2784352<br>.0340261               |
| N<br>PRA<br>Si<br>n | 5.0000000<br>.9900000<br>5.650637<br>.0850651 | wl .1600000<br>PRB .9504582<br>SAB 3.904087<br>gem 14.955219   | w2 .0500000<br>PRC 1.0770182<br>Sf 3.161967<br>b-al 9.281672 | w3<br>L<br>K<br>the | .0200000<br>.1755028<br>.0937279<br>99.281695 | SF .0191231<br>min .0817749<br>z .0605021<br>phi 104.95524   | LFr<br>max.<br>m         | •7085400<br>•2784352<br>•0340261               |

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| 130316   | E 0000000             | 7     | .1600000          | w2       | .0500000              | w3         | •0300000             | SF           | .021.8363  | LFr            | .6648054    |
|----------|-----------------------|-------|-------------------|----------|-----------------------|------------|----------------------|--------------|------------|----------------|-------------|
| N        | 5.0000000             | . W]  | 9289451           |          | .0646771              | L          | .1021614             | • min.       | .0832134   | max            | 2628606     |
| PRA      |                       | PRB   |                   |          |                       |            | .0189480             | \$14.J. X 4. | .0944566   |                | .0510391    |
| Si       | 4.237936              | SAB   | 3.229039          |          | 3.164837              | K          |                      | Z            |            | m              | 0710791     |
| n        | .0850651              | gem   | 14.955219         | 0-a.l 1  | 1.159840              | the        | 101.15986            | phi          | 104.95524  |                |             |
|          | =                     |       | 1600000           |          | .0600000              | ••7        | 0000000              | CTG*         | .0257273   | IFr            | .7295694    |
| N        | 5.0000000             | M.    | .1600000          |          | .0420898              | <b>w</b> 3 | .0200000             | SF<br>min    | .0983866   |                | .2784352    |
| PRA      |                       | PRB   | .951 <b>7</b> 111 |          |                       | L          | .1805020             |              | .0575637   | max            | .0340261    |
| Si       | 5.650659              | SAB   | 3.854117          |          | 3.169833              | K          | .0821154             | Z            | 106.87697  | 111            | •054050I    |
| n        | .1020781              | gam   | 16.876945         | b-al     | 9.281672              | the        | 99.281695            | phi          | 100.01091  |                |             |
| 37       | F 0000000             | ••1   | .1600000          | ∘ w2     | .0600000              | w3         | .0300000             | SF           | .0284405   | LFr            | .6769505    |
| N        | 5.0000000             | wl    |                   |          |                       |            |                      | min          | .0998250   | max            | .2628606    |
| PRA      |                       | PRB   | .9220640          |          | .0825455              | L          | .1071606             |              |            |                |             |
| Si       | 4.237958              | SAB   | 3.178500          |          | 3.172703              | K          | .0073355             | Z            | .0915182   | m<br>O TH      | .0510391    |
| n        | .1020781              | gam   | 16.876945         | b-al 1   | 1.159840              | the        | 101.15986            | phi          | 106.87697  | ∠ <b>-</b> Lub | VEL THRUST  |
|          |                       |       | 2 (22222          |          | 0(00000               | 7          | alianaan             | OTT.         | 0700710    | T 171          | 7077007     |
| N        | 5.0000000             | wl    | .1600000          |          | .0600000              | w3         | .0400000             | SF           | .0320749   | LFr            | .7877293    |
| PRA      |                       | PRB   | •9328837          |          | .0215698              | L          | •1749497             | min          | 1009247    | max            | .2469473    |
| Si       | 5.650593              | SAB   | 3.918051          | Sf       | 3.176867              | K          | .0740249             | Z            | .0423191   | m              | . 0680521   |
| n        | •.1020781             | gam   | 16.876945         | b-al 1   | 3.050236              | the        | 103.05026            | phi          | 106.87697  |                |             |
|          |                       |       |                   |          |                       |            |                      |              |            |                |             |
| N        | 5.0000000             | wl    | .1600000          | w2       | .0700000              | w3         | .0200000             | SF           | •0340939   | IFr            | .7501879    |
| PRA      | •9900000              | PRB   | •9538769          | PRC 1.   | .0095707              | L          | .1857395             | min          | .1153731   | max            | .2784352    |
| Si       | 5.650610              | S.A.B | 3.801692          | Sf       | 3.180275              | K          | .0703664             | Z            | :0544851   | m              | .0340261    |
| n        | .1190912              | gam   | 18.818803         | b-al     | 9.281672              | the        | 99.281.695           | phi          | 108.81882  |                |             |
|          |                       |       |                   |          | •                     |            |                      |              | •          |                |             |
| N        | 5.0000000             | wl    | .1600000          | w2       | .0700000              | w3         | .0400000             | SF           | •0404406   | LFr            | .8086538    |
| PRA      | •9800000              | PRB   | 9295637           | PRC .    | .9966482              | L          | .1801910             | min          | .1179113   | max            | .2469473    |
| Si       | 5.650620              | SAB   | 3.865665          | Sf       | 3.187309              | K          | .0622798             | Z            | .0392383   | m              | .0680521    |
| n        | 1190912               | gam   | 18.818803         |          | 3.050236              | the        | 103.05026            | phi          | 108.81882  |                |             |
|          | ,0,                   | 0     |                   |          | ,                     |            |                      |              |            |                |             |
| N        | 5.0000000             | wl    | .1600000          | w2 .     | 0700000               | w3         | .0500000             | SF           | .0456410   | LFr            | .7687464    |
| PRA      | •9695737              | PRB   | .9115477          |          | 0222251               | L          | .1301251             | min          | .1186631   | max            | .2306860    |
| Si       | 4.708843              | SAB   | 3.426780          |          | 3.193097              | K          | .0114620             | Z            | .0591083   | m              | .0850651    |
|          |                       |       |                   | 7        |                       | the        | 104.95524            | phi          | 108.81882  |                | VEL THRUST  |
| n        | .1190912              | gam   | 18.818803         | n=arr Tr | +.955219              | CHE        | 104.97724            | piii         | 100.01002  | <u></u>        | VED TIEROOI |
| N        | 5.0000000             | 7.7]  | .1600000          | w2 .     | .0800000              | w3         | .0200000             | SF           | .0444708   | LFr            | .7704725    |
| N<br>PRA |                       | Wl    |                   |          | _                     |            |                      | min          | .1327390   |                | .2784352    |
|          | •9900000<br>5 650616  | PRB   | .9566004          |          | .9800023              | L          | .1912308             |              |            | max            | .0340261    |
| Si       | 5.650616              | SAB   | 3.746786          |          | 5.194018              | K.         | .0584919             | Z            | .0512574   | m              | •0540201.   |
| n        | .1361042              | gam   | 20.783323         | b-al 9   | 281672                | the        | 99.281695            | phi          | 110.78334  |                |             |
| NT.      | <b>c</b> 0000000      | 7     | 1600000           | •••      | 0800000               | 7          | oliooooo             | ਵਾਰ          | 0508185    | TEm            | .8293066    |
| N        | 5.0000000<br>.9800000 | wl    | .1600000          |          | .0800000°<br>.9714878 | w3         | .0400000<br>.1856804 | SF           | .0508185   | TLL            | .2469473    |
| PRA      |                       | PRB   | .9287164          |          |                       | L          |                      | min          | .0360178   | max            | .0680521    |
| Si       | 5.650589              | SAB   | 3.810740          | Sf 3     | 3.201052<br>3.050236  | K          | .0504033             | Z            |            | m              | .0000521    |
| n        | .1361042              | gam   | 20.783323         | n-ar 1)  | 0.090290              | the        | 103.05026            | phi          | 110.78334  |                |             |
|          | F 0000000             | 7     | 1600000           | •••      | 0000000               | w3         | 0000000              | CTTI         | 0571709    | T Tilma        | .7905016    |
| N        | 5.0000000             | wl    | .1600000          |          | 0900000               |            | .0200000             | SF           | .0571308   | LFr            | 2784352     |
| PRA      | .9900000              | PRB   | •9597093          |          | 9536597               | L          | •1969910             | min          | .1504998   | max            |             |
| Si       | 5.650648              | SAB   | 3.689216          | -        | 3.212012              | K          | .0464912             | z            | .0478717   | m              | .0340261    |
| n        | .15311.72             | gem   | 22.773790         | b-al 9   | 281672                | the        | 99.281695            | phi          | 112.77381  |                |             |
| •        |                       |       | 2 ( 22 22 2       |          |                       |            | alianana             | <b></b>      | o Calleran |                | Oboggal     |
| N        | -5.0000000            | wl    | 1600000           |          | 0900000               | w3         | .0400000             | SF           | .0634775   | LFr            | .8497734    |
| PRA      | .9800000              | PRB   | •9292024          |          | 9479338               | L          | .1914406             | min          | .1530379   | mex            | -2469473    |
| Si       | 5.650620              | SAB   | 3.753169          |          | 219046                | K          | 0384027              | Z            | .0326260   | m              | .0680521    |
| n        | .1531172              | gam   | 22.773790         | b-al 13  | .050236               | the        | 103.05026            | phi          | 112.77381  |                |             |
|          | E 0000000             |       | 260000            |          |                       |            |                      |              |            |                | 07.07(00    |
| N        | 5.0000000             | wl    | .1600000          | w2 .     | 1.000000              | w3         | .0200000             | SF           | •0723734   | . LFr          | .8103609    |
| PRA      | .9900000              | PRB   | .9631143          |          | 9307814               | L          | 2030354              | min          | .1686717   | max            | .2784352    |
| Si       | 5.650659              | SAB   | 3.628783          |          | 235597                | K          | .0343637             | Z            | .0443189   | m              | .0340261    |
| n        | <b>.17</b> 01302      | gam   | 24.793708         | b-al 9   | .281672               | the        | 99.281695            | phi          | 114.79373  |                |             |
|          |                       |       | - 0               |          |                       |            |                      |              | _,,_       |                | _1          |
| N        | 5.0000000             | wl    | .1800000          | w2 .     | 0400000               | <b>w</b> 3 | .0200000             | SF           | •0144739   | LFr            | .7451277    |
| PRA      | •9900000              | PRB   | •9501191          |          | 1630408               |            | 1772099              | min          | .0657972   | max            | 2581481     |
| Si       | 5.650622              | SAB   | 3.887001.         |          | .150626               | K          | .1114127             | Z            | .0475743   | m              | .0340261    |
| n        | •0680521              | gam   | 13.967897         | b-al 9   | .928032               | the        | 99.928055            | phi          | 103.96792  |                |             |
|          |                       |       |                   |          |                       |            |                      |              |            |                |             |

| N<br>PRA<br>S1 | 5.0000000<br>.9900000<br>5.650621     | wl<br>PRB<br>SAB | .1800000<br>.9496062<br>3.838076 | w2 .0500000<br>PRC 1.1230720<br>Sf 3.154170 | K K        | .0200000<br>.1821.022<br>.0998603 | SF<br>min<br>z | .0197582<br>.0822419<br>.0446987 | LFr<br>max<br>m | .7676134<br>.2581481<br>.0340261 |
|----------------|---------------------------------------|------------------|----------------------------------|---|------------|-----------------------------------|----------------|----------------------------------|-----------------|----------------------------------|
| n              | .0850651                              | gam              | 16.013382                        | b-al 9.928032                               | e the      | e 99.928055                       | phi            | 106.01341                        |                 |                                  |
| N              | 5.0000000                             | wl               | .1800000                         | w2 .0500000                                 | ) 73       | .0300000                          | SF             | .0225639                         | lFr             | .7248497                         |
| PRA            | 9800000                               | PRB              | 9274748                          | PRC 1.109293                                | _          | 1087113                           | min            | .0835524                         | max             | .2424456                         |
| Si             | 4.237971                              | SAB              | 3.163575                         | Sf 3.155947                                 |            | .0251589                          | Z              | .0786070                         | m               | .0510391                         |
| n .            | .0850651                              | gem              | 16.013382                        | b-al 11.94042                               | the the    | e 101.94045                       | phi            | 106.01341                        |                 |                                  |
| N              | 5.0000000                             | wl               | .1800000                         | w2 .0600000                                 | 113        | .0200000                          | SF             | .0265942                         | LFr             | .7896576                         |
| PRA            | •9900000                              | PRB              | -9508517                         | PRC 1.0841179                               |            | .1872387                          | min            | .0990681                         | max             | .2581481.                        |
| Si             | 5.650635                              | SAB              | 3.786725<br>18.079681            | Sf 3.158966<br>b-al 9.928032                |            | .0881706<br>99.928055             | z<br>phi       | .0416795<br>108.07970            | m               | .0340261                         |
| n              | .1020781                              | gam              | 10.019001                        | 0-a1 9-92007                                | . 0.110    | . 99.920077                       | PIII           | 100.01910.                       |                 |                                  |
| N              | 5.0000000                             | wl               | .1.800000                        | w2 .0600000                                 | _          | 0300000                           | SF             | .0233999                         | LFr             | .7380343                         |
| PRA            | •9800000                              | PRB              | •9238156                         | PRC 1.0993429                               |            | .1138477                          | min            | .1003785                         | max             | .2424456                         |
| Si<br>n        | 4.237985<br>.1020781                  | SAB              | 3.112224<br>18.079681            | Sf 3.160744<br>b-al 11.940427               |            | .0134692<br>e 101.94045           | z<br>phi       | .0755879<br>108.07970            | m<br>2=LE       | .0510391<br>VEL THRUST           |
| ••             | •                                     | - Power          | 100017001                        | 5-02 1,10/10/12                             | 4110       |                                   | Ţ-1            | 200,017,10                       |                 |                                  |
| N              | 5.0000000                             | wl               | .1800000                         | w2 .0600000                                 | ,          | .0400000                          | SF             | .0331726                         | LFr             | .8498602                         |
| PRA<br>Si      | .9800000<br>5.650614                  | PRB<br>SAB       | •9317295<br>3•851811             | PRC 1.0610596<br>Sf 3.163303                |            | .1815758<br>.0802531              | min<br>z       | .1013227<br>.0263333             | max             | .2263767<br>.0680521             |
| n              | 1020781                               | gem              | 18.079681                        | b-al 13.967897                              |            |                                   | phi            | 108.07970                        | ¥11             | •0000723.                        |
|                |                                       |                  |                                  |   |            |                                   |                |                                  |                 |                                  |
| N<br>PRA       | 5.0000000<br>.9900000                 | wl<br>PRB        | •1.800000<br>•9530242            | w2 .0700000<br>PRC 1.0476189                |            | .0200000<br>.1926405              | SF<br>min      | .0352497<br>.1163017             | LFr<br>max      | .8113432<br>.2581481             |
| Si             | 5.650610                              | SAB              | 3.732685                         | Sf 3.165273                                 |            | .0763386                          | 2              | .0385045                         | m               | .0340261                         |
| n              | .1190912                              | gam              | 20.170979                        | b-al 9.928032                               |            |                                   | phi            | 110.17100                        |                 |                                  |
| 37             | F 0000000                             | 7                | 3,000000                         |   | 7          | 0700000                           | CTD            | 0790551                          | T Tibe          | 7509091                          |
| N<br>PRA       | 5.0000000<br>.9777382                 | wl<br>PRB        | .1800000<br>.9116183             | w2 .0700000<br>PRC 1.1395719                |            | .0300000<br>:1192494              | SF<br>min      | .0380554<br>.1176122             | LFr<br>max      | .7508984<br>.2424456             |
| Si             | 4.237960                              | SAB              | 3.048598                         | Sf 3.167050                                 |            | .0016372                          | Z              | .0724129                         | m               | .0510391                         |
| n ·            | .1190912                              | gam              | 20.170979                        | b-al 11.940427                              | the        | 101.94045                         | phi            | 110.17100                        | 2-LE            | VEL THRUST                       |
| N              | 5.0000000                             | wl               | .1800000                         | w2 .0700000                                 | w3         | .0400000                          | SF             | .0418272                         | LFr             | .8719149                         |
| PRA            | .9800000                              | PRB              | .9283049                         | PRC 1.0328760                               | L          | .1869793                          | min            | .11.85564                        | max             | .2263767                         |
| Si             | 5.650628                              | SAB              | 3.797 <b>7</b> 90                | Sf 3.169609                                 | K          | .0684229                          | Z              | .0231.572                        | m               | .0680521                         |
| n              | .1190912                              | gem              | 20.170979                        | b-al 13.967897                              | the        | 103.96792                         | phi            | 110.17100                        |                 |                                  |
| N              | 5.0000000                             | wl               | .1800000                         | ws .0800000                                 | w3         | .0200000                          | SF             | .0459795                         | LFr             | .8327627                         |
| PRA            | .9900000                              | PRB              | .9557630                         | PRC 1.0140637                               | L          | .1983242                          | min            | .1339523                         | mex             | .2581481                         |
| Si<br>n        | 5.650621<br>.1361042                  | SAB              | 3.675857<br>22.290742            | Sf 3.173477<br>b-al 9.928032                | K<br>the   | .0643719<br>99.928055             | z<br>phi       | .0351636<br>112.29076            | m               | .0340261                         |
|                |                                       | O                |                                  | 7,7,20,7                                    |            | ,,,,,                             | 22             |                                  |                 |                                  |
| N              | 5.0000000                             | wl               | .1800000                         | w2 .0900000                                 | <b>w</b> 3 | .0200000                          | SF             | .0590801                         | LFr             | .8540106                         |
| PRA<br>Si      | •9900000<br>5•650660                  | PRB<br>SAB       | .9588940<br>3.616043             | PRC .9836177<br>Sf 3.184082                 | L<br>K     | .2043095<br>.0522717              | min<br>z       | .1520378<br>.0316456             | mex             | .2581481<br>.0340261             |
| n'             | .1531172                              | gam              | 24.443137                        | b-al 9.928032                               | the        |                                   | phi            | 114.44316                        |                 | •0)10201                         |
|                |                                       |                  |                                  |   |            | -0                                | ~              | 03.501.07                        |                 | 0007.001.                        |
| N<br>PRA       | <b>5.</b> 0000000<br><b>.99</b> 00000 | wl<br>PRB        | .2000000<br>.9492679             | w2 .0400000<br>PRC 1.2185056                | w3<br>L    | .0200000<br>.1837311              | SF<br>min      | .0152493<br>.0661247             | LFr<br>max      | .8001204<br>.2378173             |
| Si             | 5.650609                              | SAB              | 3.821776                         | Sf 3.145929                                 | ĸ          | .1176064                          | Z              | .0317911                         | m               | 0340261                          |
| n              | .0680521                              | gam              | 15.026039                        | b-al 10.671771                              | the        | 100.67179                         | phi            | 1.05.02606                       | 10              |                                  |
| N .            | 5.0000000                             | wl               | .2000000                         | w2 .0500000                                 | w3 .       | .0200000                          | SF             | .0208283 ****                    | LFr             | .8236103                         |
| PRA.           | •9900000                              | PRB              | •9487168                         | PRC 1.1741425                               | L          | .1887608                          | min            | .0827833                         | max             | .2378173                         |
| Si<br>n        | 5.650639<br>.0850651                  | SAB              | 3.771509<br>17.235267            | Sf 3.147617<br>b-al 10.671771               | K          | .1059775<br>100.67179             | Z<br>phi       | .0288347<br>10 <b>7.</b> 23529   | m               | .0340261                         |
| **             | •0070071.                             | gam              | 11.577201                        | n-at to.oltilt                              | the        | 100.01113                         | phi            | TO 1 • C) ) CA                   |                 |                                  |
| N              | 5.0000000                             | wl               | .2000000                         | w2 .0500000                                 | w3         | .0300000                          | SF             | .0237847<br>.0839458             | LFr             | .7818375<br>.2219667             |
| PRA<br>Si      | .9800000<br>4.237954                  | PRB<br>SAB       | •9259296<br>3•09 <b>7</b> 583    | PRC 1.1588139<br>Sf 3.148467                | K          | .1153088<br>.0313630              | min<br>z       | .0839458<br>.0626919             | max             | .2219667<br>.0510391             |
| n              | .0850651                              |                  | 17.235267                        | b-al 12.839472                              | the        | 102.83949                         | phi            | 107.23529                        | e c             | •0/10//1                         |
|                |                                       |                  |                                  |   |            |                                   |                |                                  |                 |                                  |

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B. (Carlotte Land)

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|----------|-----------------------|-----------|--------------|-------------------|------|---------------------------|------|-----------|---------|------------|
| N7       | E 0000000             | 14-1      | .2000000     | w2 .0600000       | w3   | .0200000                  | SF   | .0280667  | LFr     | .8467064   |
| N<br>PRA | 5.0000000<br>.9900000 | wl<br>PRB | .9499499     | PRC 1.1308796     | L.   | 1940594                   | min  | 099861.0  | max     | .2378173   |
|          |                       |           |              | Sf 3.149901       | K    | 0941984                   | z    | .0257202  | m       | 0340261    |
| Si       | 5.650614              | SAB       | 3.718498     |                   |      |                           |      | 109.47089 | Att     | • 4740201  |
| n        | .1020781              | gam       | 19.470873    | b-al 10.671771    | the  | 100.67179                 | phi  | 109.41009 |         |            |
| 4.0      | 5 0000000             |           | 0000000      | 0600000           | 7    | 0700000                   | SF   | .0310230  | LFr     | .7961111   |
| N        | 5.0000000             | AJ        | .2000000     | w2 .0600000       | w3   | •0300000                  |      |           |         |            |
| PRA      | 9800000               | PRB       | •9231909     | PRC 1.1213301     | L    | .1206074                  | min  | .1010235  | max     | .2219667   |
| Si       | 4.237930              | SAB       | 3.044572     | Sf 3.150752       | K    | .01.95840                 | Z    | •0595775  | m       | .0510391   |
| n        | .1.020781             | gam       | 19.470873    | b-al 12.839472    | the  | 102.83949                 | phi  | 109.47089 |         |            |
|          |                       | _         | 2000000      | 0(00000           |      | alianana                  | cm   | 0750066   | T Tiles | .9090262   |
| N        | 5.0000000             | M]        | .2000000     | w2 .0600000       | w3   | .0400000                  | SF   | .0350266  | LFr     |            |
| PRA      | •9800000              | PRB       | 9305223      | PRC 1.1051610     | L    | .1882706                  | min  | .1017883  | max     | .20571.85  |
| Si       | 5.650636              | SAB       | • 3.784885   | Sf 3.151973       | K    | .0864823                  | Z    | .0102556  | m       | .0680521   |
| n        | .1020781              | gam       | 19.470873    | b-al 15.026038    | the  | 105.02606                 | phi  | 109.47089 |         |            |
|          |                       |           |              |                   | LUL  |                           |      |           |         | 06         |
| N        | 5.0000000             | wl        | .2000000     | w2 .0700000       | w3   | .0200000                  | SF   | .0372362  | LFr     | .8695173   |
| PRA      | •9 <b>9</b> 00000     | PRB       | .9521243     | PRC 1.0902434     | L    | •1996575                  | min  | .1173861  | max     | .2378173   |
| Si       | 5.650612              | SAB       | 3.662515     | Sf 3.152875       | K    | .0822714                  | Z    | .0224298  | m       | .0340261   |
| n        | .1190912              | gam       | 21.738146    | b-al 10.671771    | the  | 100.67179                 | phi  | 111.73817 |         |            |
|          |                       |           |              |                   |      |                           |      |           |         |            |
| N        | 5.0000000             | wl        | .2000000     | w2 .0700000       | w3   | .0300000                  | SF   | .0401926  | LFr     | .8101378   |
| PRA      | •9799028              | PRB       | •9162438     | PRC 1.1518703     | L    | .1262074                  | min  | .1185486  | max     | .2219667   |
| Si       | 4.237966              | SAB       | 2.988197     | Sf 3.153725       | K    | .0076588                  | Z    | •0562859  | m       | •0510391   |
| n        | .1190912              | gam       | 21.738146    | b-al 12.839472    | the  | 102.83949                 | phi  | 111.73817 | 2-LE    | VEL THRUST |
|          |                       |           |              |                   |      |                           |      |           |         |            |
| N        | 5.0000000             | wl        | .2000000     | w2 .0800000       | w3   | .0200000                  | SF   | .0486212  | LFr     | .8921452   |
| PRA      | •9900000              | PRB       | .9548732     | PRC 1.0527026     | L    | <b>.</b> 2055 <b>7</b> 41 | min  | ·1353735  | max     | .2378173   |
| Si       | 5.650642              | SAB       | 3.603379     | Sf 3.156740       | K    | .0702005                  | Z    | .0189521  | m       | .0340261   |
| n        | .1361042              | gam       | 24.041817    | b-al 10.671771    | the  | 100.67179                 | phi  | 114.04184 |         |            |
| •        |                       |           |              |                   |      |                           |      |           |         |            |
| N        | 5.0000000             | wl        | .2200000     | w2 .0400000       | w3   | .0200000                  | SF   | .0163841  | LFr     | .8520289   |
| PRA      | •9900000              | PRB       | 9483805      | PRC 1.280075      | L    | .1903019                  | min  | .0665104  | max     | .2174333   |
| Si       | 5.650615              | SAB       | 3.756074     | Sf 3.141610       | K    | .1237915                  | Z    | .01.59475 | m       | .0340261   |
| n        | .0680521              | gam       | 16.260141    | b-al 11.536790    | the  | 101.53681                 | phi  | 106.26016 |         |            |
|          |                       | Q.        |              |                   |      |                           |      |           |         |            |
| N        | 5.0000000             | W]        | .2200000     | w2 .0500000       | w3   | .0200000                  | SF   | .0224123  | LFr     | .8765612   |
| PRA      | •9900000              | PRB       | .9477847     | PRC 1.2308017     | L    | .1954956                  | min  | .0834218  | max     | .2174333   |
| Si       | 5.650665              | SAB       | 3.704186     | Sf 3.141613       | K    | .1120738                  | Z    | .0128947  | m       | 0340261    |
| n        | .0850651              | gam       | 1.8.662907   | b-al 11.536790    | the  | 101.53681                 | phi  | 108.66293 |         |            |
|          | 100/00/2              | 0.41      |              | 2 222 2224//04//0 | 02.0 |                           | F    |           |         |            |
| N        | 5.0000000             | wl.       | .2200000     | w2 .0500000       | w3   | .0300000                  | SF   | .0255938  | LFr     | .8358212   |
| PRA      | .9800000              | PRB       | .9243005     | PRC 1.2137651     | L    | .1219731                  | min  | .0844107  | max     | .2014091   |
| Si       | 4.237934              | SAB       | 3.030920     | Sf 3.141609       | K    | .0375624                  |      | .0466914  | m       | .0510391   |
| n '      | 0850651               | gam       | 18.662907    | b-al 13.886410    | the  | 103.88643                 | phi  | 108.66293 |         | ••///-     |
|          |                       | 0         |              |                   |      |                           | •    |           |         |            |
| N        | 5.0000000             | wl        | .2200000     | w2 .0600000       | w3   | .0200000                  | SF   | .0302429  | LFr     | .9007692   |
| PRA      | •9900000              | PRB       | .9489993     | PRC 1.1828029     | L    | .2009926                  | min  | .1007984  | max     | .2174333   |
| Si       | 5.650639              | SAB       | 3.649191     | Sf 3.141630       | K    | .1001942                  | Z    | .0096636  | m       | .0340261   |
| n •      | 1020781               | gam       | 21.099817    | b-al 11.536790    |      | 101.53681                 | phi  | 111.09984 |         |            |
|          | • 5.000   02          | D 0412    | LE O O O O E | S-dr zze)         | 0110 | 101.),001                 | Para |           |         |            |
| N        | 5.0000000             | wl        | .2200000     | w2 .0600000       | w3   | .0300000                  | SF   | .0334244  | LFr     | .8512449   |
| PRA      | •9800000              | PRB       | 9214197      | PRC 1.1721620:    | L    | 1274719                   | min  | 1017872   | max     | 2014091    |
| Si       | 4.237946              | SAB       | 2.975944     | Sf 3.141625       | K    | .0256848                  | Z    | .0434592  | m       | .0510391   |
| n        | .1020781              | gam       | 21.099817    | b-al 13.886410    | the  | 103.88643                 | phi  | 111.09984 | 111     |            |
|          |                       | J         |              |                   |      |                           | 7    |           |         |            |
| N        | 5.0000000             | wl        | .2200000     | w2 .0700000       | w3   | .0200000                  | SF . | .0401936  | LFr     | .9247780   |
| PRA      | •9900000              | PRB       | .9511682     | PRC 1.1377123     | Ĺ    | .2068291                  | min  | .1186730  | max     | 2174333    |
| Si       | 5.650629              | SAB       | 3.590816     | Sf 3.141625       | K    | .0881.561                 | Z    | .0062330  | m       | .0340261   |
| n        | .1190912              | gam       | 23.577850    | b-al 11.536790    | the  | 101.53681                 | phi  | 113.57787 |         |            |
|          |                       |           |              |                   |      |                           |      |           |         |            |
| N        | 5.0000000             | wl        | .2400000     | w2 .0400000       | w3   | .0200000                  | SF   | .0179701  | LFr     | .9008856   |
| PRA '    | •9900000              | PRB       | .9474525     | PRC 1.348708      | L    | .1969376                  | min  | .0669702  | max     | .1969813   |
| Si       | 5.650639              | SAB       | 3.689741     | Sf 3.137295       | K    | .1299673                  | z    | .0000257  | m       | .0340261   |
| n        | .0680521              | gam       | 17.718849    | b-al 12.555675    | the  | 1.02.55570                | phi  | 107.71887 |         |            |
|          | 4                     |           |              |                   |      |                           |      |           |         |            |

w3 .0300000 L .1287289 K .0437607 the l05.12156 .0281191 .8868609 .180**7**501 5.0000000 .9800000 4.237949 .0850651 w2 .0500000 PRC 1.274915 Sf 3.134749 w3 L K .2400000 SF LFr wl PRB N PRA PRB .9225751 SAB 2.963377 gam 20.354386 min max z .0305773 phi 110.35441 .0510391 m Si b-al. 15.121537 n

|            |   |         |                       |              |                        |         |                      | 74          | 0017071                 | T Tiles    | .3309364             |   |
|------------|---|---------|-----------------------|--------------|------------------------|---------|----------------------|-------------|-------------------------|------------|----------------------|---|
|            | 6.0000000                               | wl      | .0600000              | MS           | .0400000               | W.3     | .0200000             | SF          | .021.3871<br>.0776242   | IFr<br>max | .3723446             |   |
| DEV.       | .9600000                                | PRB     | 9199807               | PRC          | .9259288               | L       | ·00/14/080           | min         |                         |            | .0400000             |   |
| PRA        | 5.224259                                | SAB     | 3.946700              | Sf           | 3.294545               | K       | .01.67839            | Z           | 1389682                 | m          | •0400000             |   |
| Si.        | .0800001                                | gem     | 9.830318              | b-all        | 7.004632               | the     | 97.004655            | p <b>hi</b> | 99.830342               |            |                      |   |
| n          | •000000                                 | L'oran  |                       |              |                        |         |                      | CTO .       | .0213871                | LFr        | .3974543             |   |
| ΝT         | 6,0000000                               | w.l.    | .0600000              | w2           | .0400000               | w3      | .0200000             | SF          | .0776242                | max        | 3723446              |   |
| PR.v<br>□  | .9700000                                | Ppp     | 9344436               | PRC          | .9259288               | L       | .1.669674            | min.        | .1026885                | m          | .0400000             |   |
| Si.        | 6.965683                                | SAB     | 4.817412              | Sf           | 3.294545               | K       | .0893432             | 2           | 99.830342               | 7.1        | .0.0000              |   |
| n. **      | .0800007                                | tuäku   | 0.830318              | h-al         | 7.004632               | the     | 97.004655            | phi         | 99.000946               |            |                      |   |
| .i.t       | • Creden Cons                           |         |                       |              |                        |         | 7.1.1.11.3           | OMP.        | .0213871                | IFr        | .5304890             |   |
| RT         | 6,0000000                               | 7.7]    | .0600000              | 1.12         | .0400000               | W.3     | 0200000              | SF          | .0776242                | max        | 3723446              |   |
| M<br>PRA   | .9800000                                | PRB     | 9518493               | PRC          | .9259288               | Ţ,      | 31.20861             | min         | .0301292                | m          | .0400000             |   |
| St.        | 10.448533                               | SAB     | 6.558837              | Sf           | 3.204545               | K       | 2344619              | Z - 1-3     | 99.830342               | 111        | •0100000             |   |
| n          | 0800001                                 | gam     | 0.830318              | n_a1.        | 7.004632               | the     | 97.004655            | phi         | 99.000                  |            |                      |   |
|            | • 10,000                                |         |                       |              |                        |         |                      | Œ           | .0188246                | LFr        | .4048529             |   |
| Ŋī ·       | 6.0000000                               | $M_{J}$ | .0800000              | 7.72         | .0400000               | 143     | .0200000             | SF          |                         | max        | .3521812             |   |
| PRA        | 9600000                                 | PRB     | 9186603               | PRC          | .9408223               | L       | .0997448             | min         | .0777779<br>.1.2621.81. |            | .0400000             |   |
| Si         | 5.224233                                | SAB     | 3.882633              | Sf           | 3.228744               | K       | .021,9669            | Z           |                         | m          | •0-100000            |   |
| n          | .0800001                                | gam     | 10.339847             | b-al         | 7.365781.              | the     | 97.365804            | phi         | 1.00.33987              |            |                      |   |
| 17         | •000000                                 | Ĉ)      |                       |              |                        |         | •                    | OTT.        | .01.88246               | LFr        | .4713707             |   |
| M          | 6.0000000                               | WJ •    | .0800000              | W2           | .0400000               | 113     | .0200000             | SF          |                         | max        | 3521.81.2            |   |
| PRA        | .9700000                                | PRB     | .9335600              | PRC          | 9408221                | J,      | .1723042             | min.        | •0777779<br>•0899385    | m          | 0400000              |   |
| Si         | 6.965657                                | SAB     | 4.753345              | Sf           | 3.228744               | K       | .0945263             | Z           | 100.33987               | 111        | •0.0000              |   |
| n.         | • .0800001                              | gam     | 10.3398117            | b-al         | 7.365781               | the     | 97.365804            | phi         | 100.37901               |            |                      |   |
| 7.         | • | ,,,,    |                       |              |                        |         | 0000000              | SF          | .0188246                | JFr        | .6044054             |   |
| M          | 6.0000000                               | $W_{J}$ | .0800000              | MS           | .0400000               | 143     | .0200000             |             | 0777779                 | max        | .3521812             |   |
| PRA        | .9800000                                | PRB     | .953.3744             | PRC          | .01408551              | L       | .3174229             | min         | .01.73792               | m          | .0400000             |   |
| Si.        | 10.448506                               | SAB     | 6.494770              | 3£           | 3.228744               | K       | 2396450              | z<br>phi    | 1.00.33987              | *          | .0.0000              |   |
| n          | .0800001                                | gam     | 10.339847             | p-sl         | 7.365781               | the     | 97.365804            | Ditt        | 1.000 ) ) 501           |            |                      |   |
|            |   |         |                       |              |                        |         | 0000000              | SF          | .0259333                | LFr        | .4173908             |   |
| N          | 6,0000000                               | MJ      | .0800000              | A5           | .0500000               | W3      | .0200000<br>.1044846 | min         | .0970641                | -max       | 3521812              |   |
| PRA        | .9600000                                | PRB     | .9053361              | PRC          | .9443556               | L       |                      |             | .1238482                | m          | .0400000             |   |
| Si         | 5.224264                                | SAB     | 3.825787              | Sf           | 3.270892               | K       | .0074205             | Z           | 101.83701               |            | VEL THRUST           |   |
| n          | .1000001                                | gam     | 11.836985             | b-al         | 7.365781               | the     | 97.365804            | phi         | 101.00/10.              |            | 1.333                |   |
| *-         |   |         |                       |              |                        |         | 0000000              | SF          | .0259333                | LFr        | .4949923             |   |
| 7.7        | 6.0000000                               | M       | .0300000              | 115          | .0500000               | W3      | .0200000<br>.1770420 | min         | .0970641                | max        | .3521.81.2           |   |
| PRA        | .9700000                                | PRB     | .9240239              | PRC          | 9238004                | J,      | .0799779             | 2           | .0875695                | . m        | .0400000             |   |
| Si         | 6.965643                                | SAB     | 4.696477              | _ Sf         | 3.270892               | K       | 97.365804            | phi         | 101.83701               | •          |                      |   |
| n          | .1000001                                | gem     | 11.876985             | . h-a.l      | 7.365781               | the     | 97.505004            | 1/112       | 20,7,000                |            |                      |   |
|            |   |         | .0                    | 0            | 0500000                | 1.73    | .0200000             | SF          | .0259333                | LFr        | .6501.999            |   |
| M          | 6.0000000                               | M]_     | .0800000              | W2           | • .0500000<br>• 238004 | T<br>CM | .3221607             | min         | .0970641                | max        | .3521812             |   |
| PRA        | .9800000                                | PRB     | 9445751               | PRC          | 3.270892               | K       | .2250966             | z           | .01.501.02              | m          | .0400000             |   |
| Si         | 10.448492                               | SAB     | 6.437901<br>11.836985 | h-a)         |                        | the     | 1-0-1                | phi         | 101.83701               |            | •                    |   |
| n.         | .1000001                                | gam     | 1,1,0,1090)           | ()=(:,:,:    | 1 • 20021              |         |                      |             |                         |            |                      |   |
|            |   |         | 000000                | 145          | .0500000               | w3      | .0300000             | SF          | .0295811                | LFr        | .4395762             |   |
| M          | %:0000000                               | 1.7]    | .0800000<br>.9010912  | PRC          | .961.0231              | L       | 1.001.549            | min         | .0983061                | max        | .3334232             |   |
| PRA        | .9384593                                |         | 3.707332              | Sf           | 3.288374               | K       | .001.8488            | Z           | .1166341                | m          | .0600001.            |   |
| 9 <u>1</u> | 5.224231                                | SAB     | 11.836985             | b-e.l        | 1 -                    | the     | 0 01-0               | phi         | 101.83701               | S-TE       | VEL THRUST           |   |
| n          | .1000001                                | gam     | 0.000000              | 5-62         |                        |         |                      | •           |                         |            | 1                    |   |
|            | ( 0000000                               | wl      | .0800000              | 112 .        | .0500000               | w3      | .0300000             | Si.         | .029581.1               | LFr        | .4927893             |   |
| J.         | 6.000000                                |         | 91.71.693             | PRC          | .9171340               | L       | .1436901             | min         |                         | max        | .3334232             |   |
| PRA        | .9500000<br>6.269077                    |         | 4.327802              | Sf           | 3.288374               | K       | .0453840             | Z           | .0948665                | m          | •0600003.            |   |
| Si.        | 1,000001                                | dem     | 11.836985             | h-a.1        | 0 01 0                 | the     | 98.849823            | phi         | 101.83701               |            |                      |   |
| n.         | * COUNTY                                | 'jean   |                       |              |                        |         |                      |             | 0                       |            | 5506300              |   |
| T-T        | 6.0000000                               | MJ.     | 0000000               | . 45         | .0500000               | 1113    | .0300000             | SF          | .0295811                | IFr        | .5726109             |   |
| M<br>PRA   |   |         | 9298682               | ਹਿਸੂਕ        | 9171340                | L       | .2089939             | min         |                         | max        | .3334232             |   |
| Si         | 7.836368                                |         | 5.111447              | * 8 <b>f</b> | 3.288374               | K       | 1106878              | 7.          | .0622146                | m          | .0600003.            | í |
| n          | 1000001                                 | usm     | 11.836985             | h-al         | 8.849800               | the     | 08.849823            | nhi.        | 101.83701               |            |                      |   |
|            |   |         |                       |              |                        |         | 100                  |             | 0000000                 |            | TOFFIEL              |   |
| ŢΛŢ        | 6.0000000                               | lı.     | .0800000              | 1.12         | .0500000               | W3      | .0300000             | ST          | .0295811                | JFr        | .7056456<br>.3334232 |   |
| PRA        |   |         |                       | PRC          | .9171340               | Ţ.      | .3178330             | mi.n        |                         | mart       | .0600001             |   |
| St.        | 10.448505                               |         | 6.41751.6             | S.f.         | 3.288374               | k       | .2195268             | Z           | .0077951                | m.         | •0000000             |   |
| n          | .1000001                                |         | 0-(-0-                | b-e.         | 8.849800               | the     | 98.849823            | <u>nhi</u>  | 101.83701               |            |                      |   |
| 1.1        | · ···· /· /···· / da                    | ,       |                       |              |                        |         |                      |             |                         |            |                      |   |

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|          |                        |          |              |          |           | •     | 89                   |      | ' '        |         |                |
|----------|------------------------|----------|--------------|----------|-----------|-------|----------------------|------|------------|---------|----------------|
| RT       | 6.0000000              | w).      | .0800000     | w2       | .0600000  | w3    | .0200000             | SF   | .0354061   | IFr     | .5174246       |
| N<br>PRA |                        | PRB      |              | PRC      | 9127197   | L     | .1819401             | min  | .1166148   | max     | 3521812        |
|          | .9700000               |          |              | Sf       |           | K     | .0653253             | Z    | .0851205   | m       | .0400000 ◎     |
| Si       | 6.965648               | SAB      | 4.637704     |          | 3.337902  |       |                      | phi  | 103.3421.4 |         | •0+00000       |
| n        | •1.200001              | gam      | 13.342119    | b-al     | 7.365781  | the   | 97.365804            | PHIL | 107.7423.4 |         |                |
|          | ,                      |          | 000000       |          | 0600000   | 7     | 0000000              | CTD  | 0351/361   | LFr     | .0948042       |
| N        | 6.0000000              | wl       | .0000000     | w2       | .0600000  | .w3   | .0200000             | SF   | .0354061   |         |                |
| PRA      | .9800000               | PRB      | .9389213     | PRC      | .9127197  | L     | .3270588             | min  | .1166148   | Xem     | .3521812       |
| Si       | 10.448497              | SAB      | 6.379129     | Sf       | 3.337902  | K     | .2104441             | , Z  | .0125612   | m       | .0400000       |
| n        | .1200001               | gam      | 13.342119    | b-al     | 7.365781  | the   | 97.365804            | phi  | 103.34214  |         |                |
|          |                        |          |              |          |           |       |                      | -    |            | HALL .  |                |
| N        | 6.0000000              | MJ       | .0800000     | M.5      | •0600000  | w3    | .0300000             | , SF | .0390549   | LFr     | .5106878       |
| PRA      | •9500000               | PRB      | •9050504     | PRC      | 9098524   | L     | .1485882             | min  | .1178568   | max     | .3334232       |
| Si       | 6.269081               | SAB      | 4.269029     | Sf       | 3.355384  | K     | .0307314             | Z    | .0924174   | m       | •0600001.      |
| n        | .1200001               | gam      | 13.3421.19   | b-al     | 8.849800  | the   | 98.849823            | phi  | 103.34214  |         |                |
|          |                        | <b>Q</b> |              |          |           |       |                      | -    |            | ,       |                |
| N        | 6,0000000              | wl       | .0800000     | w2       | .0600000  | w3    | .0300000             | · SF | .0390549   | LFr     | .6004868       |
| PRA      | •9600000               | PRB      | .9197766     | PRC      | .9098524  | L.    | .2138920             | min  | .1178568   | max     | .3334232       |
| Si       | 7.836372               | SAB      | 5.052675     | Sf       | 3.355384  | ĸ.    | .0960352             | Z    | .0597656   | m       | .0600001       |
|          |                        |          |              | b-al     | 8.849800  |       | 98.849823            | phi  | 103.34214  | ***     | .0000001       |
| n        | ,1200001               | gam      | 13.342119    | 0=81.    | 0.049000  | * the | 90,049025            | bur  |            |         |                |
| 17       | 6 0000000              |          | 0000000      |          | 0600000   | 7     | 0700000              | CVD  | 0300510    | LFr     | 7501507        |
| N        | 6.0000000              | wl       | .0800000     | W2       | .0600000  | w3    | .0300000             | SF   | .0390549   |         | .7501507       |
| PRA      | .9700000               | PRB      | 9362543      | PRC      | .9098524  | L     | .3227310             | min  | .1178568   | mex     | 3334232        |
| Si       | 10.448509              | SAB      | 6.358743     | Sf       | 3.355384  | K     | .2048742             | Z    | .0053461   | m .     | .0600001       |
| n        | .1200001               | gam      | 13.342119    | b-al     | 8.849800  | the   | 98.849823            | phi  | 103.34214  |         |                |
|          |                        |          | -0           |          | -(        |       | alvanana             | œ    | 01.70070   | Tilles  | 5000611        |
| N        | 6.0000000              | wl       | .0800000     | W2       | .0600000  | w3    | •0400000             | SF   | .0439978   | LFr     | .5220614       |
| PRA      | .9300000               | PRB      | .9025623     | PRC      | 9139375   | L     | .1317120             | min  | .1188367   | mex     | .3144031       |
| Si       | 5.970584               | SAB      | 4.100715     | Sf       | 3.382621  | K     | .0128753             | Z    | 0913455    | m       | .0800001       |
| n        | .1200001               | gam      | 13.342119    | b-al     | 10.339847 | the   | 100.33987            | phi  | 103.34214  | 2-LE    | VEL THRUST     |
|          |                        |          |              |          |           |       |                      |      |            |         | -0-1           |
| N        | 6.0000000              | wl       | .0800000     | w2       | .0600000  | w3    | •0400000             | SF   | .0439978   | LFr     | -5854101       |
| PRA      | .9400000               | PRB      | •9132919     | PRC ·    | •9043402  | L     | .1731739             | min  | .1188367   | max     | .3144031       |
| Si       | 6.965671               | SAB      | 4.598259     | Sf       | 3.382621  | K     | .0543372             | Z    | .0706146   | m       | .0800001       |
| n        | .1200001               | gem      | 13.342119    | b-al :   | 10.339847 | the   | 100.33987            | phi  | 103.34214  |         | 1              |
|          |                        |          |              |          |           |       |                      |      |            |         |                |
| N        | 6.0000000              | w1       | .0800000     | w2       | .0600000  | w3    | •0400000             | SF   | . 0439978  | LFr     | 6740980        |
| PRA      | .9500000               | PRB      | .9246988     | PRC      | .9043402  | L     | .2312203             | min  | .1.188367  | max     | .3144031       |
| Si       | 8.358783               | SAB      | 5.294815     | Sf       | 3.382621  | K     | .1123836             | 2    | .0415914   | m       | .0800001       |
| n        | .1.200001              | gam      | 13.342119    | b-al :   | 10.339847 | the   | 100.33987            | phi  | 103.34214  | ***     | p <sup>a</sup> |
|          |                        |          |              |          |           |       |                      | - T  | 384 2      | 1.0     | - '            |
| N        | 6.0000000              | wl.      | .1.000000    | w2       | .0400000  | w3    | .0200000             | SF   | .0174770   | LFr     | .4756069       |
| PRA      | .9600000               | PRB      | .9172924     | PRC      | .9673651  | L     | .1050949             | min  | .0779489   | mex     | .3320006       |
| Si       | 5.224218               | SAB      | 3.818417     | Sf       | 3.197595  | K     | .0271460             | Z    | .1134528   | • . m   | .0400000       |
| n        | 0800001                | gam      | 10.905430    | b-al     | 7.766312  | the   | 97.766335            |      | 100.90545  |         | •0.0000        |
|          |                        | 0        |              |          | 1111711   |       | 7101227              |      |            | •       |                |
| N        | 6.0000000              | wl       | .1.000000    | w2       | .0400000  | w3    | .0200000             | SF   | .0174770   | LFr     | .5421248       |
| PRA      | •9700000               | PRB      | .9326502     | PRC      | .9673651  | L     | 1776543              | min  | 0779489    | max     | .3320006       |
| Si       | 6.965643               | SAB      | 4.6891.29    | Sf       | 3.197595  | ĸ     | 0997054              | Z    | .0771731   | m       | .0400000       |
|          | .0800001               |          | 1.0.905430   |          | 7.766312  |       | 97.766335            |      | 100.90545  | 111     | ,0100000       |
| n        | •000001                | gam      | 1.0 - 907430 | b-al     | 1.100312  | the   | 91.100333            | phi  | 100.90747  |         |                |
| 37       | 6 0000000              | 7        | .1000000     | •••      | .0400000  | 4.7   | 000000               | SF   | .0174770   | T Tibes | 6751505        |
| N        | 6.0000000              | W]       |              | w2       |           | w3    | .0200000             |      |            | IFr     | .6751595       |
| PRA      | .9800000<br>1.0.448492 | PRB      | •9508888     | PRC      | .9673651  | L     | •3227730<br>•2448241 | min  | .0779489   | max     | .3320006       |
| Si       |                        | SAB      | 6.430554     | Sf       | 3.197595  | K     |                      | z    | .0046138   | m       | .0400000       |
| •n       | .0800001               | gam      | 10.905430    | b-al     | 7.766312  | the   | 97.766335            | phi  | 100.90545  |         |                |
|          | (                      | 15       | 1000000      |          |           |       |                      |      |            |         | 1000000        |
| N        | 6.0000000              | W]       | .1000000     | MS<br>WS | 0500000   | w3    | .0200000             | SF   | .0239391   | LFr     | .4890576       |
| PRA      | •9600000               | PRB      | .9051124     | PRC      | .9465835  | L     | 1098995              | min  | 0973451    | max     | .3320006       |
| SI       | 5.224224               | SAB      | 3.760767     | Sf       | 3.222091  | K     | .0125545             | Z    | .1110505   | m       | •0400000       |
| n        | .1000001               | gam      | 12.486886    | b-al     | 7.766312  | the   | 97.766335            | phi  | 102.48691  | 2-TEA   | EL THRUST      |
|          |                        |          |              |          |           |       | 10000                |      |            |         |                |
| N        | 6,0000000              | wl       | .1.000000    | w2       | .0500000  | w3    | .0200000             | SF   | .0239391   | LFr     | .5666609       |
| PRA      | .9700000               | PRB      | 9229576      | PRC      | •9437703  | L     | .1824589             | min  | 0973451    | mex     | .3320006       |
| Si       | 6.965648               | SAB      | 4.631479     | Sf       | 3.222091  | Κ.    | .0851138             | Z    | .0747708   | m       | .0400000       |
| n        | .1000001               | gam      | 12.486886    | b-al     | 7.766312  | the   | 97.766335            | phi  | 102.48691  |         |                |
|          |                        |          |              | ۰        |           | 4     |                      |      |            |         |                |

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| N                                     | 6.0000000                         | wl         | •1000000               | • w2      | .0500000             | w3      | .0200000                         | SF        | .0239391                                      | LFr     | .721.8685                        |
|---------------------------------------|-----------------------------------|------------|------------------------|-----------|----------------------|---------|----------------------------------|-----------|---|---------|----------------------------------|
| PRA                                   | .9800000                          | PRB        | 9440098                | PRC       | 9437703              | L       | .3275776                         | min       | .0973451                                      | max     | .3320006                         |
| S1                                    | 10.448497                         | SAB        | 6.372904               | Sf        | 3.222093             | K       | .2302326                         | 7.        | .00221.15                                     | m       | .0400000                         |
| n                                     | .1.000001                         | gam        | 12.486886              | b-a.l.    | 7.766312             | the     | 97.766335                        | phi       | 102.48691                                     |         |                                  |
|                                       |                                   |            |                        |           | 0500000              |         | 0700000                          | OTTO      | 0077100                                       | LFr     | .5121651                         |
| N                                     | 6.0000000                         | wl         | .1000000               | M2        | .0500000             | w3      | .0300000                         | SF<br>min | .02731.99<br>.0985094                         | max     | .3131650                         |
| PRA.                                  | .9399808                          | PRB        | .9026058               | PRC       | .9576105             | L       | .1055393                         | Z         | .1038128                                      | m       | .0600001                         |
| Si                                    | 5.224252                          | SAB        | 3.740686               | Sf        | 3.233243             | K       | 99.332353                        | phi       | 102.48691                                     |         | VEL THRUST                       |
| n                                     | .1000003                          | gam        | 12.486886              | b-al.     | 9.332330             | the     | 99.772777                        | Dur       | 102.40091.                                    | دابرا   | ART IHVOOT                       |
| N                                     | 6.0000000                         | wl.        | .1000000               | MS        | .0500000             | w3      | .0300000                         | SF        | .02731.99                                     | LFr     | .5653782                         |
| PRA                                   | •9500000                          | PRB        | .9159143               | PRC       | •9348084             | I.      | .1490746                         | min       | .0985094                                      | max     | .3131650                         |
| Si                                    | 6.269097                          | SAB        | 4.263209               | Sf        | 3.233243             | K       | .0505651                         | Z         | .0820452                                      | m       | .0600001                         |
| n                                     | .1000001                          | gam        | 12.486886              | b-al.     | 9.332330             | the     | 99.332353                        | phi       | 102.48691                                     |         |                                  |
| N                                     | 6.0000000                         | wl         | .1.000000              | w2        | .0500000             | 1.13    | .0300000                         | SF        | .0273199                                      | LFr     | .6451969                         |
| PRA                                   | •9600000                          | PRB        | .9289703               | PRC       | .9348084             | L       | 2143765                          | min       | .0985094                                      | max     | .3131650                         |
| Si                                    | 7.836343                          | SAB        | 5.046832               | Sf        | 3.233243             | K       | .1158670                         | Z         | .0493942                                      | m       | .0600001                         |
| n                                     | .1000001                          | gam        | 12.486886              | b-al.     | 9.332330             | the     | 99.332353                        | phi       | 102.48691                                     |         |                                  |
|                                       |                                   |            |                        |           | 2/2222               | -       | 222222                           | cm        | 0707060                                       | T 73    | F00077F                          |
| N                                     | 6.0000000                         | wl         | .1000000               | W2        | .0600000             | 1/3     | .0200000                         | SF        | .0323868                                      | LFr     | •5900335                         |
| PRA                                   | .9700000                          | PRB        | 9147754                | PRC       | .9228089             | L       | •1874352                         | min       | .1170218                                      | max     | .3320006                         |
| Si                                    | 6.965678                          | SAB        | 4.571794               | Sf        | 3.257633             | K       | .0704134                         | Z         | .0722827                                      | m       | .0400000                         |
| n                                     | .1200001                          | gam        | 14.077758              | b-al      | 7.76631.2            | the     | 97.766335                        | phi       | 104.07778                                     | t-      |                                  |
| N                                     | 6.0000000                         | wl         | .1.000000              | W2        | .0600000             | w3      | •0300000                         | SF        | .0357676                                      | LFr     | 5842323                          |
| PRA                                   | •9500000                          | PRB        | .9035702               | PRC       | .9180102             | L       | 1540489                          | • min     | .1181862                                      | max     | .3131650                         |
| Si                                    | 6.269081                          | SAB        | 4.203500               | Sf        | 3.268784             | K       | .0358628                         | Z         | .0795580                                      | m       | .0600001                         |
| n                                     | .1200001                          | gam        | 14.077758              | b-al      | 9.332330             | the     | 99.332353                        | phi       | 104.07778                                     |         |                                  |
| N                                     | 6.0000000                         | wl         | .1000000               | W2        | .0600000             | w3      | .0300000                         | SF·       | .0357676                                      | IFr     | .6740313                         |
| PRA                                   | .9600000                          | PRB        | 91.87225               | PRC       | .9180102             | Ľ       | 21.93527                         | min       | .1181862                                      | max     | .31.31.650                       |
| Si                                    | 7.836372                          | SAB        | 4.987146               | Sf        | 3.268784             | K       | 1011666                          | Z         | .0469061                                      | m       | .0600001                         |
| n                                     | .1200001                          | gam        | 14.077758              | b-al      | 9.332330             | the     | 99.332353                        | phi       | 104.07778                                     | - 1     |                                  |
|                                       | ( 0000000                         | 7          | 1000000                | ••        | .0600000             | w3      | .0400000                         | SF        | .0403032                                      | LFr     | .5965786                         |
| N<br>PRA                              | 6.0000000                         | MJ         | •1.000000<br>•901.2036 | w2<br>PRC | .9093330             | L       | .1371327                         | min       | 1190726                                       | max     | .2940514                         |
| Si                                    | .9300000<br>5.970550              | PRB<br>SAB | 4.035633               | Sf        | 3.285538             | K.      | .0180601                         | Z         | .0784593                                      | m       | .0800001                         |
| n<br>or                               | .1200001                          | gam        | 14.077758              |           | 10.905430            | the     | 100.90545                        | phi       | 104.07778                                     | 141     | •0000001                         |
|                                       |                                   | Q.         |                        |           |                      |         |                                  |           |   |         | (                                |
| N                                     | 6.0000000                         | MŢ         | .1000000               | M5        | .0600000             | W3      | .0400000                         | SF        | .0403032                                      | LFr     | 6599312                          |
| PRA                                   | •9400000                          | PRB        | .9120476               | PRC       | •9093330             | L       | .1785965                         | min       | .1190726                                      | max     | 2940514                          |
| Si                                    | 6.965682                          | SAB        | 4.533199               | Sf.       | 3.285538             | K       | .0595239                         | Z         | .0577274                                      | m       | .0800001                         |
| n                                     | .1200001                          | gam        | 14.077758              | b-al      | 10.905430            | the     | 100.90545                        | phi       | 104.07778                                     |         |                                  |
| N                                     | 6.0000000                         | wl         | .1000000               | w2        | .0600000             | w3      | .0400000                         | SF        | .0403032                                      | LFr     | .7486191                         |
| PRA                                   | .9500000                          | PRB        | .9237620               | PRC       | .9093330             | L       | .2366429                         | min       | .1190726                                      | max     | .2940514                         |
| Si                                    | 8.358795                          | SAB        | 5.229755               | Sf        | 3.285538             | K       | .1175703                         | z         | .0287043                                      | m       | .0800003.                        |
| n                                     | .1200001                          | gam        | 14.077758              | b-al      | 10.905430            | the     | 100.90545                        | phi       | 104.07778                                     |         |                                  |
| N                                     | 6.0000000                         | wl         | .1000000               | w2        | .0700000             | w3      | .0200000                         | SF        | .0432568                                      | LFr     | .6123209                         |
| PRA                                   | .9700000                          | PRB        | 9072499                | PRC       | •9068950             | L       | .1925984                         | min       | .1370032                                      | max     | . •3320006                       |
| Si                                    | 6.965646                          | SAB        | 4.509803               | Sf        | 3.309672             | ĸ       | 0555951                          | Z         | .0697011                                      | m .     | •0400000                         |
| n                                     | .1400001                          | gam        | 15.680121              | b-al      | 7.766312             | the     | 97.766335                        | phi       | 105:68014                                     |         |                                  |
| N.T                                   | 6 0000000                         | 7          | 700000                 | •••       | 0700000              | 7       | 0300000                          | CTD:      | 0166375                                       | T Tiles | .6020336                         |
|                                       | 6.0000000                         | wl         | .1000000               | W2        | .0700000<br>.9043698 | ₩3<br>T | .0300000<br>.1592140             | SF        | .0466375<br>.1381676                          | LFr     | .3131650                         |
| TO D A                                | •9500000                          | PRB        | .8932574               | PRC<br>Sf | 3.320824             | L<br>K  | .1592140                         | min       | .0769754                                      | max     | .0600001                         |
|                                       | 6 260000                          | SAB        | 4.141533               | b-al      | 9.332330             | the     | 99.332353                        | z<br>phi  | 105.68014                                     | m       | *00000T                          |
| 51                                    | 6.269095<br>.1400001              | gam        | 15.680121              | 10        |                      |         |                                  |           |   |         |                                  |
| Si<br>n                               | .1400001                          |            |                        |           |                      | _       | 070055                           | ~         | ol. ((===                                     |         | 70202-0                          |
| Si<br>n<br>N                          | .1400001<br>6.0000000             | wl         | .1000000               | W2        | .0700000             | w3      | .0300000<br>22h5178              | SF        | .0466375<br>1381676                           | LFr     | .7018108                         |
| S1<br>n<br>N<br>PRA                   | .1400001<br>6.0000000<br>.9600000 | wl<br>PRB  | .1000000<br>.9102413   | w2<br>PRC | .0700000<br>.9043698 | L       | .2245178                         | min       | .1381676                                      | max     | •3131650                         |
| PRA<br>Si<br>n<br>N<br>PRA<br>Si<br>n | .1400001<br>6.0000000             | wl         | .1000000               | W2        | .0700000             |         | .0300000<br>.2245178<br>.0863502 |           | .0466375<br>.1381676<br>.0443236<br>105.68014 |         | .7018108<br>.3131650<br>.0600001 |

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| N         | 6,0000000             | wl .1.000000   | 0700000              | w3         | .0400000             | SF   | .0511732   | LFr       | .6124497     |
|-----------|-----------------------|----------------|----------------------|------------|----------------------|------|------------|-----------|--------------|
| PRA       | •9282828              | PRB .8793960   | 1                    | L          | 1422978              | min  | 1390541    | max       | 2940514      |
| Si        | 5.970564              | SAB 3.96341.   |                      | ĸ          | .0032437             | Z    | .0758768   | m         | .0800001     |
|           |                       | 10             |                      | the        | 100.90545            | phi  | 1.05.68014 |           | VEL THRUST   |
| n         | .1400001              | gam 1.5.6801.2 | D=8.1. 1.0 • 9074 10 | OIIC       | 3.00 • 90 ) 4 )      | DILL | 10).00014  | 2-110     | Visia Timoot |
|           | 6 0000000             | 1 700000       | w2 .0700000          | 7          | •0400000             | SF   | .0511732   | LFr       | .6821337     |
| N         | 6.0000000             | wl .1000000    |                      | w3         | _                    | min  | .1390541   | mex       | .2940514     |
| PRA<br>Si | •9400000<br>6•965651  | PRB .8990293   |                      | K<br>L     | .1837597<br>.0447057 |      | .0551458   | m         | .0800001     |
|           |                       |                |                      |            |                      | Z    | 105.68014  | J11       | •000001      |
| n         | •1400001              | gam 15.68012   | b-al 10.905430       | the        | 100.90545            | phi  | 105.00014  |           |              |
| NT.       | 6 0000000             | 7 7,000,000    | ~~0                  | 7          | alianana             | CTD* | 0511730    | LFr       | .7796936     |
| N         | 6.0000000             | wl .1000000    |                      | w3         | .0400000             | SF   | .0511732   |           | 2940514      |
| PRA       | •9500000              | PRB .9126391   |                      | L          | .2418079             | min  | .1390541   | max       |              |
| Si        | 8.358809              | SAB 5.167788   |                      | K          | .1027539             | Z    | .0261217   | m         | .0800001.    |
| n         | <b>.140</b> 0001      | gam 15.68012   | b-al 10.905430       | the        | 100.90545            | phi  | 105.68014  |           |              |
|           |                       |                |                      | _          |                      | -    |            | T 23      | (050060      |
| N         | 6.0000000             | wl .1.000000   | · ·                  | w3         | •0500000             | SF   | •0577736   | LFr       | .6870060     |
| PRA       | •9200000              | PRB .8968773   |                      | L          | .1610279             | min  | .1396581   | max       | •2746555     |
| Si        | 6.530288              | SAB 4.236297   |                      | K          | .0213698             | Z    | .0568137   | m         | .1000001     |
| n         | .1400001              | gam 15.680121  | b-al 12,486886       | the        | 102.48691            | phi  | 105.68014  |           |              |
|           |                       |                |                      |            |                      |      |            |           |              |
| N         | 6.0000000             | wl .1000000    | .0700000             | w3         | .0500000             | SF   | .0577736   | LFr       | .7582760     |
| PRA       | •9300000              | PRB .9071.059  | PRC .8922517         | L          | 1998997              | min  | .1396581   | max       | .2746555     |
| Si        | 7.463211              | SAB 4.702758   | Sf 3.362074          | K          | .0602416             | Z    | •0373779   | m         | .1000001     |
| n         | .1400001              | gam 15.680121  |                      | the        | 102.48691            | phi  | 105.6801.4 |           |              |
| -         | 4                     | 8              |                      | ****       |                      | F    |            |           |              |
| N         | 6.0000000             | wl .1000000    | w2 .0700000          | w3         | .0500000             | SF   | .0577736   | LFr       | .8533011     |
| PRA       | .9400000              | PRB •9179563   |                      | Ľ          | 2517281              | min  | 1396581    | max       | .2746555     |
| Si        | 8.707092              | SAB 5.324698   |                      | ĸ          | .1120700             | Z    | .0114637   | m         | -1000001     |
| n         | .1400001              | gam 15.680121  |                      | the        | 102.48691            | phi  | 105.68014  | ***       | - 1000001    |
| 11        | •140001               | 8011 1).000121 | . U=a1 12.400000     | CITE       | 102.40091            | DIII | 10).00014  |           |              |
| N.        | 6.0000000             | wl .1000000    | w2 .0800000          | w3         | .0200000             | SF   | .0570326   | LFr       | .6335917     |
| PRA       | .9700000              |                | •                    |            |                      |      | .1572860   |           | .3320006     |
|           |                       | ////-          |                      | L          | .1979542             | min  |            | max       |              |
| Si        | 6.965642              | SAB 4.445529   |                      | K          | .0406682             | z    | .0670232   | m         | .0400000     |
| n         | .1600002              | gam 17.295137  | b-al 7.766312        | the        | 97.766335            | phi  | 107.29516  |           |              |
| 37        | 6 0000000             | 3,000,000      |                      | 7          | 0700000              | CTP. | 060117117  | T 773     | .6188412     |
| N         | 6.0000000             | wl .1000000    |                      | w3         | .0300000             | SF   | .0604143   | LFr       |              |
| PRA       | .9499290              | PRB .8763901   |                      | L          | .1645699             | min  | 1584504    | max       | .3131650     |
| Si        | 6.269091              | SAB 4.076815   | · ·                  | K          | .0061195             | Z    | .0742975   | m<br>O TH | .0600001     |
| n         | •1600002              | gam 17.295137  | b-al 9.332330        | the        | 99.332353            | phi  | 107.29516  | Z-145V    | EL THRUST    |
| NT        | 6 0000000             | 1 1000000      | ••• 0000000          | 7          | 0300000              | CTD  | .0604143   | LFr       | .7285957     |
| N<br>DDA  | 6.0000000<br>.9600000 | wl .1000000    |                      | w3         | .0300000             | SF   | 1584504    |           | 3131650      |
| PRA       |                       | PRB .9025809   |                      | L          | .2298737             | min  | .0416456   | max       | • 2121020    |
| Si        | 7.836382              | SAB 4.860904   |                      | K          | .0714233             | Z    |            | m         | .0600001     |
| n         | .1600002              | gam 17.295137  | b-al 9.332330        | the        | 99.332353            | phi  | 107.29516  |           |              |
| NT        | 6 0000000             | 1 1000000      | 0 000000             | 7          | olyopooo             | CVT3 | ofhoron    | T Tiles   | 7077770      |
| N         | 6.0000000             | wl .10000000   | W2 .0800000          | w3.        | .0400000             | SF   | .0649500   | LFr       | •7033730     |
| PRA       | •9400000              | PRB .8882970   |                      | L          | .1891.155            | min  | .1593368   | max       | .2940514     |
| S1        | 6.965646              | SAB 4.406934   |                      | K *        | .0297787             | Z    | .0524679   | m         | •0800001     |
| n         | .1.600002             | gam 17.295137  | b-al 10.905430       | the        | 100.90545            | phi  | 107.29516  |           |              |
| -         | (                     |                |                      |            | al. a                |      | -(1        |           | 0-00         |
| N .       | 6.0000000             | wl .1000000    |                      | w3         | •0100000             | SF   | .0649500   | LFr       | 8098030      |
| PRA       | .9500000              | PRB .9035434   |                      | L          | .2471638             | min  | •1593368   | max       | .2940514     |
| Si        | 8.358804              | SAB 5.103513   |                      | K          | .0878270             | Z    | ·0234438   | m         | .0800001     |
| n         | .1600002              | gam 17.295137  | b-al 10.905430       | the        | 100.90545            | phi  | 107.29516  |           |              |
|           |                       |                |                      |            |                      |      |            |           |              |
| M         | 6.0000000             | .1000000       | w2 .0800000          | <b>w</b> 3 | .0500000             | SF   | •0715504   | LFr       | •7054987     |
| PRA       | .91.88680             | PRB .8757917   | PRC .9435412         | L          | .1663838             | min  | 1599409    | max       | 2746555      |
| Si        | 6.530283              | SAB 4.164633   | Sf 3.441426          | K          | •0064459             | Z    | .0541358   | m         | .1000001     |
| n         | .1600002              | gam 17.295137  | b-al. 12.486886      | the        | 102.48691            | phi  | 107.29516  | 2-LEV     | EL THRUST    |
| 4.        | ( 0000000             | 7              | 0 -0                 | _          |                      |      |            |           | m0cm=0-      |
| N         | 6.0000000             | wl .1000000    | w2 .0800000          | <b>w</b> 3 | •0500000             | SF   | •0715504   | LFr       | .7827082     |
| PRA       | .9300000              | PRB .8931761   |                      | L          | 2052555              | min  | 1599409    | max       | .2746555     |
| S1        | 7.463206              | SAB 4.638483   | Sf 3.441426          | K          | .0453147             | Z    | .0347000   | m         | .1000001     |
| n         | .1600002              | gam 17.295137  | b-al 12.486886       | the        | 102.48691            | phi  | 107.29516  |           |              |
|           |                       |                |                      |            |                      |      |            |           |              |

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| 9 |           |                      |                    |                      | .0         | 000000               | 1.73       | .0500000             | SF                                     | .0715504             | LFr     | .8856516             |
|---|-----------|----------------------|--------------------|----------------------|------------|----------------------|------------|----------------------|--|----------------------|---------|----------------------|
|   | N         | 6.0000000            | $M_{J}^{-}$        | .1.000000            | AS.        | .0800000<br>.8923847 | <b>w</b> 3 | 2570839              | min                                    | 1599409              | max     | .2746555             |
| • | PRA.      | •9400000             | PRB                | 9058059              | PRC        | 3.441426             | K          | .0971430             | 2                                      | .0087858             | m° '    | 1000001              |
|   | Si        | 8.707087             | SAB                | 5.260424             | S.f.       |                      | the        | 102.48691            | phi                                    | 107.29516            |         |                      |
|   | n         | .1.600002            | asm                | 17.295137            | b-al.      | 1.2.486886           | une        | 102.40071            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 20,10                |         |                      |
|   |           |                      |                    |                      |            | alionopo             | 7          | .0200000             | SF                                     | .0168162             | IFr     | .5432110             |
|   | N         | 6.0000000            | wl                 | .1200000             | MS_        | .0400000             | W3         | .1104622             | min                                    | .0781405             | max     | .31.18001            |
|   | PRA       | .9600000             | ·PRB               | •91.58738            |            | 1.0003.634           | L.         |                      | . 2                                    | 1006689              | m       | .0400000             |
|   | Si        | 5.224241             | SAB                | 3.754032             | Sf         | 3.179495             | K          | .0323217             | phi                                    | 101.53694            | •       |                      |
|   | n         | -0800007             | gam                | 11.536921            | b-a.l.     | 8.21.3082            | the        | 98.21.31.05          | Dill                                   | 301.                 |         |                      |
|   |           |                      |                    |                      |            | -1                   | -          | 000000               | SF                                     | .01.681.62           | LFr     | .6097279             |
|   | M         | 6.0000000            | 14.7               | .1.200000            | A.5        | .0400000             | w3         | .0200000             | min                                    | .0781405             | max     | .311.8001.           |
|   | PRA       | .9700000             | PRB                | .931.71.25           | PRC        | 1.0001634            | , J.       | .1830216             |  | 0643892              | m       | .0400000             |
|   | Si        | 6.965665             | SAB                | 4.624744             | Sf         | 3.179495             | K          | .1048810             | Z                                      | 101.53694            | ,,,,    | •0.0000              |
|   | n         | .0800007             | gam                | 11.536921            | b-al       | 8.213082             | the        | 98.213105            | phi                                    | TOT. 77024           |         |                      |
|   |           |                      |                    |                      |            |                      |            |                      | cm                                     | .0229712             | LFr     | .5575867             |
|   | М.        | 6.0000000            | T.T.               | .1200000             | 145        | .0500000             | 113        | .0200000             | SF                                     | .0976592             | max     | 3118001              |
|   | PRA       | .9600000             | PRB                | .9034447             | PRC        | .9720151             | L          | .1153412             | min                                    |                      | 1       | .0400000             |
|   | Si        | 5.224254             | SAB                | 3.695497             | Sf         | 3.195269             | K          | .0176820             | Z                                      | .0982294             | m       | •040000              |
|   | n.        | .1000001             | gam                | 13.212954            | b-al       | 8.213082             | the        | 98.213105            | phi                                    | 103.21298            |         |                      |
|   | 2 %       |                      | G                  |                      |            |                      |            |                      |  | 2000710              | T Tiles | .6351910             |
|   | M         | 6.0000000            | V.Z                | .1.200000            | M2         | .0500000             | 113        | .0200000             | SF                                     | .0229712             | IFr     |                      |
|   | PRA       | •9700000             | PRB                | .921.8565            | PRC        | .9720151             | L          | .1879006             | min                                    | .0976592             | mex     | .3118001             |
|   | Si        | 6.965678             | SAB                | 4.566209             | Sf         | 3.195269             | K          | .0902414             | Z                                      | .061.9497            | m       | .0400000             |
|   |           | .1000001             | gan                | 13.212954            | b-al.      | 8.213082             | the        | 98.213105            | phi                                    | 103.21298            |         |                      |
|   | 'n        | • 00000000           | Bea.               | , - ( , ) ·          |            |                      |            |                      |  |                      |         | F07 6070             |
|   | NT        | 6.0000000            | TVT.               | .1200000             | W2         | .0500000             | 173        | .0300000             | SF                                     | .026225]             | LFr     | .5816279             |
|   | PRA       | ·0100000             | PRB                | 9024715              | PRC        | .9654374             | Ţ,         | .1109428             | min                                    | .0987360             | max     | .2928769             |
|   |           | 5.224254             | SAB                | 3.675946             | Sf         | 3.202777             | K          | .0122069             | 2                                      | .0909669             | m       | .0600001             |
|   | Si        | 1.000001             | gem                | 13.212954            | b-al       | 9.870816             | the        | 99.870839            | phi                                    | 103.21298            | 2-LEV   | VEL THRUST           |
|   | n         |                      | Sealt              | (C) · Lunding        |            |                      |            |                      |  |                      |         | 4 1 01               |
|   |           | ( 0000000            | 1                  | .1200000             | w2         | .0500000             | 1/3        | .0300000             | SF                                     | .0262251.            | LFr     | .6348410             |
|   | M         | 6.0000000            | MJ.                | 9146157              | PRC        | .961.2873            | I.         | . 1.544781.          | min                                    | .0987360             | max     | .2928769             |
|   | PRA       | .9500000             | PRB                |                      | Sf         | 3.202777             | K          | .0557421             | Z                                      | .0691.994            | m       | .0600001             |
|   | Si        | 6.269099             | SAB                | 4.1.98368            | b-al       | 9.870816             | the        | 99.870839            | phi                                    | 103.21298            |         |                      |
|   | n         | .1000001             | gem                | 13.212954            | U-A.L      | 9.010010             | inic       | 7. 1010000           | 4                                      |                      |         |                      |
|   |           |                      |                    | 3.000000             | ***        | .0500000             | w3         | .0300000             | SF                                     | .0262251             | IFr     | .7146626             |
|   | $\bar{M}$ | 6.0000000            | AJ                 | 1.200000             | MS.        | 9612873              | L          | .2197819             | min                                    | .0987360             | max     | .2928769             |
|   | PRA       | .9600000             | PRB                | .9280462             | PRC        | 3.202777             | K          | .1210459             | Z                                      | .0365475             | m       | .0600001             |
|   | Si        | 7.836391             | SAB                | 4.982014             | Sf         | /                    | the        | 99.870839            | phi                                    | 103.21298            |         |                      |
|   | n         | .1.000001            | gem                | 13.212954            | b-al       | 9.87081.6            | 0210       | 37.010033            |  |                      |         |                      |
|   |           |                      |                    | 1.000000             | WS.        | .0600000             | w3         | .0200000             | SF                                     | .0309649             | LFr     | .5708361             |
|   | М         | 6.0000000            | W.J.               | .1200000             | PRC        | 1.0001.527           | L          | .1.204052            | min                                    | .1174802             | max     | .3118001             |
|   | PRA       | 9597829              | PRB                | .8853019             |            | 3.217314             | K          | .0029250             | z                                      | .0956974             | m       | .0400000             |
|   | Si        | 5.224247             | SAB                | 3.633589             | Sf<br>b-al | 8.213082             | the        | 98.213105            | phi                                    | 1.04.90035           | 2-LE    | VEL THRUST           |
|   | n         | .1200007.            | gam                | 14.900327            | 0=0.1.     | 0.2.2,002            | 1,7,2,40   | <i>y</i>             | -                                      |                      |         |                      |
|   |           |                      | - 7                | 1,000000             | MS         | .0600000             | w3         | .0200000             | SF                                     | .0309649             | LFr     | .6595259             |
|   | N         | 6.0000000            | MJ                 | .1200000             | PRC        | .9454578             | L          | .1929646             | min                                    | .1174802             | max     | .3118001             |
|   | PRA       | .9700000             | PRB                | .9135203             | Sf         | 3.217314             | ĸ          | .0754844             | z                                      | .0594177             | m       | .0400000             |
|   | Si        | 6.965672             | SAB                | 4.505435             |            | 8.213082             | the        | 98.213105            | phi                                    | 104.90035            |         |                      |
|   | n         | .1.200001            | gam                | 14.900327            | b-al       | 0.21,0002            | OHE        | 50°C15.605           | PILL                                   | 2010/00/             |         |                      |
|   |           |                      |                    | 1,000,000            | ***        | .0600000             | 143        | .0300000             | SF                                     | .0342188             | LFr     | .6546793             |
|   | Й         | 6.0000000            | MJ                 | .1200000             | W2<br>PRC  | .9392629             | T,         | 1595421              | min                                    | .1185570             | max     | .2928769             |
|   | PRA       | .9500000             | PRB                | 9020343              | Sf         | 3.224822             | K.         | .0409851             | Z                                      | .0666673             | m       | .0600001             |
|   | Si        | 6.269093             | SAB                | 4.137594             | b-al       | 9.870816             | the        | 99.870839            | , phi                                  | 104.90035            |         | -                    |
|   | n         | .1200001             | gam                | 1.4.900327           | D=a.c.     | 9.010010             | 0,10       | )) <b>(</b> 0,00)    | . F                                    |                      |         |                      |
|   |           | ( 0000000            | 7                  | .1.200000            | W2         | .0600000             | w3         | .0300000             | SF                                     | .0342188             | LFr     | .7444782             |
|   | ы.        | 6.0000000            | $M_{\overline{J}}$ | 91.76341             | PRC        | 9392629              | L          | .2248459             | min                                    |                      | max     | .2928769             |
|   | PRA       | .9600000             | PRB                | 4.921239             | Sf         | 3.224822             | K          | .1062889             | Z                                      | .0340155             | m       | .0600001             |
|   | Si        | 7.836384             | SAB                | 1.4.900327           | b-al       |                      | the        | 0                    | phi                                    | 104.90035            |         |                      |
|   | n         | .1.200001            | gam                | J. ¥ 700 JC1         | L C        | 2-01-0               |            |                      |  |                      |         |                      |
|   | 27        | 6 0000000            | ~ v7               | .1200000             | W2         | .0600000             | w3         | .0400000             | SF                                     | .0385618<br>.1193395 | LFr     | .6680231<br>.2736594 |
| • | N<br>PRA  | 6.0000000            | wl.<br>PRB         | 8995763              | PRC        | 9283799              | Ï.         | .0400000<br>.1425839 | min                                    |                      | max     |                      |
|   |           |                      | SAB                | 3.970242             | Sf         | 3.235893             | K          | .0232443             | Z                                      | .0655377             | m       | .0800001             |
|   | Si        | 5.970573<br>.1200001 | gam                | 14.900327            |            | 11.536921            | the        | - 1                  | phi                                    | 104.90035            |         |                      |
|   | n         | • TC00007            | Roull              | ± <b>∓•</b> ~00 )≐ ( | D-Colle    |                      |            |                      |  |                      |         |                      |
|   |           |                      |                    |                      |            |                      |            |                      |  |                      |         |                      |

| N PRA      | 6.0000000<br>.9400000<br>6.965660 | wl<br>PRB<br>SAB | .1200000<br>.910 <b>7</b> 597<br>4.4 <b>6</b> 7785 | w2<br>PRC<br>Sf | .0600000<br>.9283799<br>3.235893 | w3<br>L<br>. K  | .0400000<br>.1840458<br>.0647063 | SF<br>min<br>z | .0385618<br>.1193395<br>.0448067 | JFr<br>mex<br>m     | .731.3728<br>.2736594<br>.0800001 |
|------------|-----------------------------------|------------------|--|-----------------|----------------------------------|-----------------|----------------------------------|----------------|----------------------------------|---------------------|-----------------------------------|
| n          | .1200001                          | gem              | 14.900327  | b-al            | 1.1.536921                       | the             | 101.53694                        | phi            | 1.04.90035                       |                     |                                   |
| N<br>PRA   | 6.0000000                         | wl<br>PRB        | .1200000<br>.9227966                               | w2<br>PRC       | .0600000<br>.9283799             | <b>w</b> 3      | .0400000°                        | SF<br>min      | .0385618                         | I.Fr<br>max         | .8200636 ×                        |
| Si         | 8.358818                          | SAB              | 5.164364<br>1.4.900327                             | Sf<br>b-al      | 3.235893                         | K<br>the        | .1227545                         | z<br>phi       | .0157827                         | m                   | .0800001                          |
| n          | • 1200001                         | Ecrit            | 3.44,900,72.1                                      | D-0             | and for the                      | O, i.c.         |                                  | L'ALL          | 3.0 (*)00))                      |                     |                                   |
| * N<br>PRA | 6.0000000<br>.9700000             | wl<br>PRB        | •3.200000<br>•9058387                              | w2<br>PRC       | .0700000<br>.9222261             | w3<br>L         | .0200000<br>.1982308             | SF<br>min      | .0411.453<br>.1376239            | I.Fr<br>mex         | .68281.65<br>.31.18001            |
| Si<br>n    | 6.965648<br>.1400001              | SAB<br>gam       | 4.442217<br>16.601296                              | Sf<br>b-al      | 3.247829<br>8.213082             | K<br>the        | .0606068<br>98.2131.05           | z<br>phi       | .0567846<br>1.06.60132           | m                   | .0400000                          |
| 37         | 6 0000000                         | 1                | 1000000  |                 | 0700000                          | ***             | •0300000                         | SF             | .0443993                         | LFr                 | .6734991                          |
| N<br>PRA   | 6.0000000<br>.9500000             | W].<br>PRB       | .1200000<br>.8914980                               | w2<br>PRC       | .0700000<br>.9185268             | <b>w</b> 3<br>L | .1648083                         | min            | .1387007                         | max                 | .2928769                          |
| Si         | 6.269069                          | SAB              | 4.074376   | Sf              | 3.255337                         | K               | .0261.075                        | Z              | .0640343                         | m                   | .0600001.                         |
| n          | .1400001                          | gam              | 1.6.601296   | b-al.           | 9.870816                         | the             | 99.870839                        | phi            | 106.60132                        |                     |                                   |
| N          | 6.0000000                         | M.J.             | .1200000   | 42              | .0700000                         | w3 •            | .0300000                         | SF             | .0443993                         | LFr                 | .7732763                          |
| PRA<br>Si  | .9600000<br>7.836360              | PRB<br>SAB       | .9090004<br>4.858021                               | PRC<br>Sf       | •91.85268<br>3•255337            | K               | .2301121<br>.0914114             | min<br>z       | .1387007<br>.0313824             | max<br>m            | .2928769<br>.0600001              |
| n          | .1400001                          | gam              | 16.601296  | b-al            | 9.87081.6                        | the             | 99.870839                        | phi            | 106.60132                        | •••                 |                                   |
| N          | 6.0000000                         | wl               | .1200000   | M.S             | .0700000                         | w3              | .0400000                         | SF             | .0487423                         | LFr                 | .6849375                          |
| PRA        | .9298940                          | PRB              | .8810274   | PRC             | .9490849                         | L               | .1478500                         | min            | .1394832                         | max                 | .2736594                          |
| Si<br>n,   | 5.970550<br>.1400001              | SAB<br>gam       | 3.906394<br>16.601296                              | Sf<br>b-al      | 3.266408<br>11.536921            | K<br>the        | .0083668<br>1.01.53694           | z<br>phi       | .0629046<br>106.60132            | m<br>2-LEV          | .0800001<br>EL THRUST             |
| N          | 6.0000000                         | wl               | •1.200000  | w2              | .0700000                         | w3              | .0400000                         | SF             | .0487423                         | IFr                 | .7546253                          |
| PRA        | .9400000                          | PRB              | 8975021  | PRC             | .9123438                         | T.              | .1893139                         | min            | .1394832                         | mex                 | .2736594                          |
| Si<br>n    | 6.965682<br>.1400001              | SAB<br>gam       | 4.404590<br>16.601296                              | Sf<br>b-al      | 3.266408<br>11.536921            | K<br>the        | .0498307<br>101.53694            | z<br>phi       | .0421.727                        | m                   | .0800001.                         |
| NT         | 6.0000000                         | **1              | .1.200000  | ***             | .0700000                         | w3              | .0400000                         | SF             | .0487423                         | LFr                 | .8521824                          |
| N<br>PRA   | •9500000                          | wl<br>PRB        | .9114981   | w2<br>PRC       | .91.23438                        | L               | .2473602                         | min            | .1394832                         | max                 | .2736594                          |
| Si         | 8.358794                          | SAB              | 5.201.146  | Sf              | 3.266408                         | K               | .1078770                         | 2              | .0131496                         | m                   | .0800007                          |
| n          | .1400001                          | gam              | 16.601.296   | b-al            | 11.536921                        | the             | 101.53694                        | phi            | 106.601.32                       |                     |                                   |
| N          | 6.0000000                         | wl               | .1200000   | W2              | .0700000                         | w3              | .0500000                         | SF             | .0550270                         | LFr                 | .760531.4                         |
| PRA<br>Si  | .9200000<br>6.530293              | PRB<br>SAB       | .8952440<br>4.170247                               | PRC<br>Sf       | .9017849<br>3.282182             | , K             | .1665325<br>.0265679             | min<br>Z       | .1.599040                        | max<br>m            | .2541.407<br>.1000001             |
| n          | .1400001                          | gam              | 16.601296  |                 | 13.212954                        | the             | 103.21298                        | phi            | 106.60132                        | 212                 | •0000032                          |
| N          | 6.0000000                         | wl               | .1200000   | w2              | .0700000                         | w3              | .0500000                         | SF             | .0550270                         | LFr                 | .831.801.4                        |
| PRA        | .9300000                          | PRB              | .9057826   | PRC             | .9017849                         | L               | ·2054043                         | min            | .1399646<br>.0243682             | max                 | .2541407<br>.1000001              |
| Si<br>n    | 7.463216<br>.1400001              | SAB<br>gam       | 4.636708<br>16.601296                              | Sf<br>b-al      | 3.282182<br>13.212954            | K<br>the        | .0654397<br>103.21298            | z<br>phi       | 106.60132                        | m                   | • 170000017                       |
| N          | 6.0000000                         | wl               | .1200000   | w2              | .0800000                         | w3              | .0200000                         | SF             | .0538693                         | LFr                 | .7051268                          |
| PRA        | .9700000                          | PRB              | .8984180   | PRC             | •9034836                         | L               | .2037067                         | min            | .1.580922                        | max                 | .3118001                          |
| Si<br>n    | 6.965650<br>.1.600002             | SAB<br>gam       | 4.376506<br>18.317487                              | Sf<br>b-al      | 3.290297<br>8.21.3082            | K<br>the        | .0456146<br>98.213105            | z<br>phi       | .0540466<br>1.08.31751           | m.                  | .0400000                          |
| N          | 6.0000000                         | W.l              | .1200000   | MS              | .0800000                         | w3              | .0300000                         | SF             | .057.1232                        | LFr                 | .691.3796                         |
| PRA        | •9500000                          | PRB              | .8788848   | PRC             | •9360372                         | L               | .1702843                         | rin            | .1591.690                        | max                 | .2928769                          |
| Si<br>n    | 6.269071<br>.1.600002             | SAB<br>gam       | 4.008666<br>18.317487                              | Sf<br>b-al      | 3.297804<br>9.87081.6            | K<br>the        | .0111153<br>99.870839            | z<br>phi       | .0612963<br>108.31751            | m<br>2 <b>-</b> LEV | .0600001<br>EI. THRUST            |
| N          | 6.0000000                         | wl               | .1200000   | w2              | .0800000                         | w3              | .0300000                         | TZ             | .0571232                         | LFr                 | .8011341                          |
| PRA        | .9600000                          | PRB              | .901.1865  | PRC             | .9012935                         | L               | .2355881.                        | min            | .1591690                         | max                 | 2928769                           |
| Si         | 7.836362                          | SAB              | 4.792311   | Sf              | 3.297804                         | K               | .0764197                         | Z,             | .0286444                         | m                   | .0600001                          |
| n          | .1.600002                         | gam              | 18.317487  | b-al            | 9.87081.6                        | the             | 99.870839                        | phi            | 108.31751                        |                     |                                   |

| Fig. 1, 19400000 PRO 1, 19806150 PRO 1, 1977100 I 1, 1947899 PRO 1, 1979100 PRO 1, 19806150 PRO 1, 19800000 PRO 1, 198000000 PRO 1, 19800000 PRO 1, 198000000 PRO 1, 198000000 PRO 1, 19800000 PRO 1, 198 |     |                     |     |           |      |             |     |           |     |                               |     | *                                |
|--|-----|---------------------|-----|-----------|------|-------------|-----|-----------|-----|-------------------------------|-----|----------------------------------|
| ## 6,0000000 v1 1200000 w2 .0600000 v5 .0600000 SP .0618662 IPr .8835  | PRA | •9400000            | PRB | .8865450  | PRO  | .8977403    | L   | .1947899  | min | .1599515                      | mex | .7769661<br>.2736594<br>.0800001 |
| ### \$9500000 PFB  |     |                     | gam | 18.317487 | b-a  | 1 11.536921 | the | 101.53694 | phi | 108.31751                     |     |                                  |
| N  | PRA | .9500000            | PRB | •9022393  | PRO  | 8977403     | L   | .2528362  | min | .1599515                      | max | .8833923<br>.2736594<br>.0800001 |
| PRA   97(00000   PRB   9910471   PRC   8906659   1   2004021   min   1789942   max   3118   1   1600002   gam   20.050897   h=al   6.213082   the   98.213105   phi   110.05091   max   2018   1   1600000   PRB   9971575   PRC   8994698   L   2412234   min   1799710   max   2928   31   7485656   SAB   4.729566   SF   5.751510   SK   0.613124   2   0.057991   max   2928   31   7485656   SF   3.751510   SK   0.613124   2   0.057991   max   2928   31   7485656   SF   3.751667   K   0.777745   1   1.158466   min   0.785552   max   2925   SI   5.224242   SAB   3.639419   SF   5.167627   K   0.774915   2   0.786641   m   0.4000   PRA   9900000   PRB   9.374550   PRC   1.0377745   L   1.188466   min   0.785552   max   2925   SI   5.224242   SAB   3.639419   SF   5.167627   K   0.774915   2   0.786641   m   0.4000   PRA   9700000   PRB   9.374550   PRC   1.0377745   L   1.188466   min   0.785552   max   2925   m   0.600000   PRB   9.374550   PRC   1.0377745   L   1.188466   min   0.785552   max   2925   m   0.600000   PRB   9.374550   PRC   1.0377745   L   1.188466   min   0.785552   max   2925   m   0.600000   PRB   9.374550   PRC   1.0377745   L   1.188466   min   0.785552   max   2925   m   0.600000   PRB   9.374550   PRC   1.0377745   L   1.188466   min   0.785552   max   2925   m   0.600000   PRB   9.374550   PRC   1.035660   L   1.186466   min   0.785552   max   2925   m   0.600000   PRB   9.016985   PRC   1.035660   L   1.186466   min   0.785552   max   2925   m   0.600000   PRB   9.016985   PRC   1.035660   L   1.226151   min   0.980144   max   2925   m   0.600000   PRB   9.016985   PRC   1.035660   L   1.226151   min   0.980945   m   0.4000   PRA   9.9700000   PRB   9.016985   PRC   1.035660   L   1.226151   min   0.980945   m   0.4000   PRA   9.9700000   PRB   9.027166   PRC   1.035660   L   1.226151   min   0.980945   max   27255   m   1.000001   gam   14.02966   b-al   0.71560   L   1.237086   m   0.4000   PRA   9.9000000   PRB   9.0271212   PRC   9.933663   L   1.93708   min   0.989945   max   27255   m      |     |                     |     |           |      |             |     |           |     |                               | ,   |                                  |
| St 6.065649 SAB 4,303162 RE 3.555597 K .0305079 2 .0511990 m .0400 n .1800002 gam 20.050897 h-al 8.213082 the 98.213105 phi 10.05091 m .0400 n .1800000 PRB .997835 PRC .8984088 L .2412834 min .179710 max .29287 st 7.836561 SAB 4,729566 SF 5.358105 K .0613124 2 .0257967 m .0600 n .1800000 gam 20.050897 h-al 9.707816 the 98.70239 phi 10.05091 m .0600 PRB .997809 Pra 1.9080000 PRB .014006 PRC 1.0377749 L .1158466 min .778552 max .29157 n .0600000 PRB .3669419 SF 3.16627 K .0613124 2 .067964 m .04000 PRB .3640000 PRB .374450 PRC 1.0377749 L .1158466 min .778552 max .29157 n .060001 gam 12.246622 b-al 8.714620 the 98.714645 phi 102.24664 PRA .9700000 PRB .937450 PRC 1.0377749 L .1384660 min .078552 max .29157 n .060001 gam 12.246622 b-al 8.714620 the 98.714645 phi 102.24664 PRA .9700000 PRB .937450 PRC 1.0377749 L .1384660 min .0785552 max .2915 n .0600001 gam 12.246622 b-al 8.714620 the 98.714643 phi 102.24664 PRA .9700000 PRB .937450 PRC 1.0377749 L .1384660 min .0785552 max .2915 n .0600001 gam 12.246622 b-al 8.714620 the 98.714643 phi 102.24664 PRA .9700000 PRB .901698 PRC 1.0556600 L .2000000 PRB .901698 PRC 1.0556600 L .2000000 PRB .901698 PRC 1.0556600 L .2000000 PRB .901698 PRC 1.056660 L .1000000 PRB .901698 PRC 1.056660 L .10000000 PRB .901698 PRC 1.056660 L .10000000 PRB .901698 PRC 1.056600 L . | N   | 6.000,0000          | wl  |           |      |             | WB  |           |     |                               | LFr | .7265368                         |
| N  |     |                     |     |           |      |             |     |           |     |                               |     | .0400000                         |
| PRA   9500000   PRB   8937453   PRC   6994088   L   2412854   mdn   .1799710   max   .2928   |     |                     |     |           | _    |             |     |           |     |                               |     |                                  |
| S1 7,856561 SAB 4,725966 SF 5,358105 K .0613128 Z .0257967 m .06000 n .1800002 gm 20.050807 h-al 9.870816 the 99.870839 phi 110.05091.  N 6,000000 Wl .1400000 W2 .0400000 W3 .020000 SF .0166264 IFr .6076 S1 5,224242 SAB 3,699419 ST 3,167627 K .0774915 Z .0786941 m .04000 PRA .9700000 PRB .937450 PRC 1.0377749 L .1158466 min .0783552 max .2915 S1 5,224242 SAB 3,699419 ST 3,167627 K .0774915 Z .08786941 m .04000 PRA .9700000 PRB .937450 PRC 1.0377749 L .1884650 min .0783552 max .2915 S1 6,365666 SAB 4,56132 ST 3,167627 K .100508 Z .0515844 m .04000 PRA .9700000 PRB .9016965 PRC 1.0377749 L .1884650 min .0783552 max .2915 S1 6,365666 SAB 4,56132 ST 3,167627 K .100508 Z .0515844 m .04000 PRA .9600000 PRB .9016965 PRC 1.055680 L .20215 min .090044 max .2915 S1 5,224253 SAB 3,62852 ST 3,174620 the 98.714643 phi 102.24664 max .2915 S1 5,224253 SAB 3,62852 ST 3,174620 the 98.714643 phi 102.24664 max .2915 S1 5,224253 SAB 3,62852 ST 3,174620 the 98.714643 phi 104.02968 m .04000 PRA .9700000 PRB .9027126 PRA .9700000 PRB .9207166 PRA .0500000 W2 .0500000 W3 .0200000 SF .0226936 FF .0056890 I .120315 min .0900144 max .2915 S1 5,224253 SAB 3,62852 ST 3,17850 K .0227971 Z .085806 m .04000 PRA .9700000 PRB .9207166 PRA .0056660 I .19373708 min .0900144 max .2915 S1 5,224253 SAB 3,62852 ST 3,17850 K .0227971 Z .085806 TF .00000 PRA .940000 PRB .9207122 PRC .9233663 L .19373708 min .0900144 max .2915 S1 5,224261 SAB 3,610790 ST 3,183885 K .0077786 Z .0786900 m .04000 PRA .9400000 PRB .9007212 PRC .9233663 L .1163731 min .0969945 max .27255 S1 6,269107 SAE 4,133213 ST 3,183285 K .0077786 Z .0786909 m .04000 PRA .9400000 PRB .916869 PRA .9400000 PRB .916869 PRA .9400000 PRB .916869 PRA .9000000 PRB .916869 PRA .900000 PRB .916869 PRA .916869 PRA .9500000 PRB .916869 PRA .9000000 PRB .916869 PRA .99050000 PRB .916869 PRA .9005000 PRB .916869 PRA .9005000 PRB .916869 PRA .9005000 PRB .916869 PRA .9005000 PRB .916869 PRA . |     |                     |     | - 1       |      | 1           |     | 1 - 1     |     |                               |     | .8281202                         |
| n 1.860002 gem 20.050807 b-al 9.870816 the 99.870839 phi 1.10.05091.  N 6.000000 vl 1.400000 v2 .0400000 v3 .0200000 SF .0166264 IFr .6076 PRA .9600000 PRB .9144006 PRG 1.0377749 L .1158466 min .0783552 max .2915 S1 5.224242 SAB 3.689419 SF 3.167627 K .0374915 z .0878641 n .0400 n .0800001 gem 12.246622 b-al 8.714620 the 98.714643 phi 102.24664  N 6.0000000 vl 1.400000 v2 .0400000 v3 .0200000 SF .0166264 IFr .6741 S1 6.96566 SAB 4.560132 SF 3.167627 K .100508 z .0515844 m .0400 n .0800001 gem 12.246622 b-al 8.714620 the 98.714643 phi 102.24664  N 6.0000000 vl 1.400000 v2 .0500000 v3 .0200000 SF .026936 IFr .62299 PRA .9600000 PRB .9016985 PRC 1.0556680 I .1028115 min .080144 max .29157 S1 5.224253 SAB 3.68952 SF 3.178150 K .0227971 z .0859816 m .04000 N 6.0000000 vl 1.400000 v2 .0500000 v3 .0200000 SF .026936 IFr .62290 PRA .9700000 PRB .9016985 PRC 1.0056680 I .1028115 min .080144 max .29157 S1 6.965677 SAB 4.500565 b-al 8.714620 the 98.714643 phi 104.02966 N 6.0000000 vl 1.400000 v2 .0500000 v3 .0200000 SF .026936 IFr .62290 PRA .9700000 PRB .9207166 PRC 1.0056680 I .9373708 min .080144 max .29157 S1 5.254261 SAB 3.610790 SF 3.178150 K .0953564 z .0491020 m .04000 PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .080945 max .29157 S1 5.264261 SAB 3.610790 SF 3.183285 K .0173766 z .0780909 m .04000 PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .080945 max .27255 S1 5.264261 SAB 3.610790 SF 3.183285 K .0173766 z .0780909 m .06000 PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .080945 max .27255 S1 6.269107 SAE 4.133213 SF 3.183285 K .0073766 phi 1.04.02968 N 6.0000000 v1 .1400000 v2 .0500000 v3 .0200000 SF .0259056 IFr .70155 S1 6.269107 SAE 4.133213 SF 3.183285 K .0073766 min .0989945 max .27255 S1 6.269107 SAE 4.133213 SF 3.183285 K .0074766 phi 1.04.02968 N 6.0000000 v1 .1400000 v2 .0500000 v3 .0200000 SF .0259056 IFr .70150 PRA .9600000 PRB .9279924 PRC .9933663 L .2525102 min .0989945 max .27257 S1 6.966674 SAB 4.43848980 SF 3.198990 K .0097931 z .0465194 m .040000 N 6.0000000 PRB .9279 |     |                     |     |           |      |             |     |           |     |                               |     | .2928769<br>.0600001             |
| PRA  |     |                     |     |           | _    |             |     |           |     |                               | 212 |                                  |
| \$\frac{5}{5}.22\frac{1}{2}1      | N.  |                     | wl  |           | W2   |             | w3  |           | SF  |                               | LFr | .6076660                         |
| n .0800001 gam 12.246622 b-al 8.714620 the 98.714643 phi 102.24664  N 6.000000 wl .1400000 w2 .0400000 w3 .0200000 SF .0166264 LFr .67411  FRA .9700000 PRB .9307450 PRC 1.0377749 L .1884c60 mdn .0783552 max .2015  Si 6.965666 SAB 4.560132 Sf 3.167627 K .1100508 z phi 102.24664  N 6.000000 wl .1400000 w2 .0500000 w3 .0200000 SF .0226936 LFr .6229  FRA .960000 PRB .9016985 PRC 1.0056680 L .1208115 min .0980144 max .29157  Si 5.224253 SAB 3.629652 Sf 3.178450 K .0227971 z .0855816 m .04000  N 6.000000 wl .1400000 w2 .0500000 w3 .0200000 SF .0226936 LFr .70055  Si 5.224253 SAB 3.629652 Sf 3.178450 K .0227971 z .0855816 m .04000  N 6.000000 wl .1400000 w2 .0500000 w3 .0200000 SF .0226936 LFr .70055  Si 6.965677 SAB 4.500565 Sf 3.178450 K .0253564 z .0491020 m .04000  PRA .9700000 PRB .9207166 PRC 1.0056660 L .1933708 min .0980144 max .29157  Si 6.965677 SAB 4.500565 Sf 3.178450 K .0953564 z .0491020 m .04000  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0226936 LFr .64766  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .64768  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .64768  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115  Si 6.269107 SAB 4.133213 Sf 3.183285 K .0173786 z .0780909 m .06000  PRA .9500000 PRB .9132697 PRC .9933663 L .1163731 min .0980945 max .27255  Si 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000  PRA .9500000 PRB .9132697 PRC .9933663 L .1589083 min .0980945 max .27255  Si 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000  PRA .9500000 PRB .9270924 PRC .9933663 L .1262157 z .0236724 m .06000  PRA .9500000 PRB .93132697 PRC .9933663 L .1262157 z .0236724 m .06000  PRA .9500000 PRB .9370924 PRC .9933663 L .1259766 min .10989945 max .27255  Si 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000  PRA .9500000 PRB .932697 PRC .9933663 L .2251002 min .0980945 max .27255  Si 6.269107 SAB 4.335213 PRC .9933663 L .1262157 z .0236724 m .060000  PRA .9500000 PRB .932697 PRC .9933663 L .1262157 F |     |                     |     |           |      |             |     |           |     |                               |     | .293.5749<br>.0400000            |
| PRA   .9700000   PRB   .9307450   PRC   1.0377749   T   .1884060   min   .0783552   mex   .29157   min   .0800001   mm   12.246662   b-al   8.714620   the   98.714643   phi   102.246664   m   .04000   n   .0800001   mm   12.246622   b-al   8.714620   the   98.714643   phi   102.246664   m   .04000   PRB   .9016985   PRC   1.0056680   T   .1208115   min   .0980144   max   .29157   min   .0980945   min   .040000   min   .040000000000000000000000000000000000  |     |                     |     |           |      |             |     |           |     |                               | *11 | •0+00000                         |
| Si 6.965666 SAB 4.560.32 Sf 3.167627 K .1100508 z .0515844 m .04000 n .0800001 gam 12.246622 b-al 8.714620 the 98.714643 phi 102.24664 m .04000 N 6.0000000 V1 .1400000 V2 .0500000 V3 .0200000 SF .026936 LFr .62293 SAB 3.629852 Sf 3.178150 K .0227971 z .0853816 m .04000 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968 N 6.000000 V1 .1400000 V2 .0500000 V3 .0200000 SF .0226936 LFr .70055 Si 6.965677 SAB 4.500565 Sf 3.178150 K .0227971 z .0853816 m .04000 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968 N 6.0000000 V1 .1400000 W2 .0500000 W3 .0200000 SF .0226936 LFr .70055 Si 6.965677 SAB 4.500565 Sf 3.178150 K .0953561 z .0491020 m .04000 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968 N 6.0000000 V1 .1400000 W2 .0500000 W3 .0300000 SF .0259056 LFr .64796 PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .0889445 max .27255 Si 5.224261 SAB 3.610790 Sf 3.183285 K .0173786 z .0780909 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968 N 6.0000000 PRB .9132697 PRC .9933663 L .1599083 min .098945 max .27255 Si 6.269107 SAB 4.133213 Sf 3.183285 K .0699138 z .0563233 m .06000 PRB .9936656 b-al 10.475587 the 100.47561 phi 104.02968 N 6.0000000 PRB .9132697 PRC .9933663 L .1599083 min .098945 max .27255 Si 7.836352 SAB 4.133213 Sf 3.183285 K .0699138 z .0563233 m .06000 PRB .9270924 PRC .9933663 L .252000 min .098945 max .27255 Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0259056 LFr .78101 PRA .9600000 PRB .9870924 PRC .9933663 L .225200 min .098945 max .27255 Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 PRB .98709000 PRB .9870924 PRC .9933663 L .1259766 min .1179969 max .27255 Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 PRB .98709000 PRB .9883312 PRC .0079797 z .0827991 m .04000 PRA .9700000 PRB .98270924 PRC .9937663 L .1259766 min .1179969 max .29157 Si 6.965674 SAB 4.437880 Sf 3.192599 K .08057901 z | N   | .6.0000000          | J.W |           | w2   |             | 113 |           | SF  |                               | lFr | .6741839                         |
| n .0800001 gam 12.246622 b-al 8.714620 the 98.714643 phi 102.24664  N 6.000000 vl .1400000 w2 .0500000 w3 .0200000 SF .0226936 LFr .62299 FRA .9600000 PRB .9016985 PRC 1.0056680 L .1208115 min .0980144 max .29157 Si 5.224253 SAB 3.629852 Sf 3.178150 K .0227971 z .0853816 m .04000 n .1000001 gam 14.029656 b-al .0056680 L .1933708 min .0980144 max .29157 Si 6.000000 vl .1400000 w2 .0500000 w3 .0200000 SF .026936 LFr .70055 Si 6.965677 SAB 4.500565 Sf 3.178150 K .0953564 z .0491020 m .04000 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968  N 6.0000000 vl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .64708 PRA .9400000 PRB .9007212 PRC .9935663 L .1163731 min .098945 max .27255 Si 5.224261 SAB 3.610790 Sf 3.183285 K .0173786 z .0780909 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 vl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115 PRA .9500000 PRB .9132697 PRC .9933663 L .1599083 min .098945 max .27255 Si 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 N 6.0000000 vl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115 PRA .9500000 PRB .9132697 PRC .9933663 L .1599083 min .098945 max .27255 Si 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 N 6.0000000 vl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115 PRA .9500000 PRB .9270924 PRC .9933663 L .2252102 min .098945 max .27255 Si 7.856552 SAB 4.916836 Sf 3.183285 K .1262157 z .0259056 LFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .098945 max .27255 Si 7.856552 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 N 6.0000000 w1 .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .78101 PRA .9600000 PRB .8883312 PRG 1.0073043 L .1259766 min .1179969 max .27255 Si 5.224249 SAB 5.567868 Sf 3.192599 K .0079797 z .0827901 m .04000 PRA .97000000 PRB .8883312 PRG 1.0073043 L .1259766 min .1179969 max .29157 Si 5.264249 SAB 5.567868 Sf 3.192599 K .0079797 z .0827901 m .04000 PRA .97000000 PRB .8883312 PRG 1.0073043 L .1259766 min .1179969 ma |     | at at a contract to |     |           |      |             |     | •         |     |                               |     | .293.5749<br>.0400000            |
| FRA .9600000 PRB .9016985 PRC 1.0056680 I1208115 min .0980144 mex .29155   |     | •                   |     | 1 4 4     |      |             |     |           |     |                               |     | 30.000,0                         |
| PRA .9600000 PRB .9016965 PRC 1.0056680 I1208115 min .0980144 max .29157 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.029656 m .04000 N 6.000000 PRB .9207166 PRC 1.0056680 I1933708 min .0980144 max .29157 n .1000001 gam 14.029656 PRC 1.0056680 I1933708 min .0980144 max .29157 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968 N 6.000000 PRB .9007212 PRC .9050000 V3 .0300000 FR .0240968 N 6.000000 V1 .1400000 W2 .0500000 W3 .0300000 FR .0259056 LFr .64798 PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .0989945 max .27255 S1 5.224261 SAB 3.610790 Sf 5.183285 K .0173786 z .0780909 m .06000 N 6.000000 PRB .9132697 PRC .9933663 L .1599083 min .089945 max .27255 S1 6.269107 SAB 4.133213 Sf 5.183285 K .0609138 z .0563233 m .06000 N 6.000000 PRB .9132697 PRC .9933663 L .1599083 min .089945 max .27255 S1 6.269107 SAB 4.133213 Sf 5.183285 K .0609138 z .0563233 m .06000 N 6.000000 PRB .9132697 PRC .9933663 L .1599083 min .089945 max .27255 S1 6.269107 SAB 4.133213 Sf 5.183285 K .0609138 z .0563233 m .06000 PRB .9126966 b-al 10.475587 the 100.47561 phi 104.02968 N 6.000000 PRB .9126966 b-al 10.475587 the 100.47561 phi 104.02968 N 6.000000 PRB .9270924 PRC .9933663 L .252102 min .0989945 max .27255 S1 7.836352 SAB 4.16636 Sf 5.183285 K .1662157 z .0259056 JFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836352 SAB 4.916836 Sf 5.183285 K .1262157 z .0236724 m .06000 PRB .98709000 PRB .98709566 SF .3183285 K .1262157 z .0236724 m .06000 PRB .98709566 SF .3183285 K .1262157 z .0236724 m .06000 PRB .98709566 SF .3183285 K .1262157 z .0236724 m .06000 PRB .98709666 SF .3192599 K .0079797 z .0827991 m .04000 PRB .98709000 PRB .9883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 S1 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.965674 SAB 4.438580 Sf 3.192599 K .0065991 z .0465194 m .04000  | N   | 6,0000000           | wl  | .1400000  | W2   | •0500000    | 143 | .0200000  | SF  | .0226936                      | LFr | .6229935                         |
| n .100001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968  N 6.000000 wl .1400000 w2 .0500000 w3 .0200000 SF .0226936 IFr .70055 Si 6.965677 SAB 4.500565 Sf 3.178150 K .0953564 z .0491020 m .04000 n .1000001 gam 14.02965 b-al 8.714620 the 98.714643 phi 104.02968  N 6.000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 IFr .64706 PRA .940000 PRB .907212 PRC .9933663 L .163731 min .098945 max .27255 Si 5.224261 SAB 3.610790 Sf 3.183285 K .0173786 z .0780909 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 IFr .70115 PRA .9500000 PRB .9132697 PRC .9933663 I .1599083 min .0989945 max .27255 Si 6.269107 SAE 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 IFr .70115 PRA .9500000 PRB .9270924 PRC .9933663 L .252102 min .0989945 max .27255 Si 7.836552 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 IFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 Si 7.836552 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 W1 .1400000 w2 .0500000 w3 .0200000 SF .0305395 IFr .65723 PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 PRB .9820177 PRC .747185 L .19853599 min .1179969 max .29157 Si 6.965674 SAB 4.436580 Sf 3.192599 K .0805591 z .0465194 m .04000 PRB .9122177 PRC .9747185 L .19853599 min .1179969 max .29157 Si 6.965674 SAB 4.436580 Sf 3.192599 K .0805591 z .0465194 m .04000   | PRA | •9600000            | PRB | .9016985  | PRC  |             |     |           |     |                               |     | 2915749                          |
| PRA .970000 PRB .9207166 PRC 1.0056680 J1933708 min .0980144 mex .29157 S1 6.965677 SAB 4.500565 Sf 3.178150 K .0953564 z .0491020 m .04000 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968 N 6.000000 W1 .1400000 W2 .0500000 W3 .0300000 SF .0259056 LFr .64796 PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .098945 max .27255 S1 5.224261 SAB 3.610790 9f 3.183285 K .0173786 z .078090 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968 N 6.000000 PRB .9132697 PRC .9933663 L .1599083 min .098945 max .27255 S1 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968 N 6.000000 PRB .9132697 PRC .9933663 L .2252102 min .098945 max .27255 S1 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0256724 m .060000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836552 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836552 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 PRB .9260000 PRB .98683312 PRC 1.0073043 L .1259766 min .1179969 max .29157 S1 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.965674 SAB 4.485858 Sf 3.192599 K .0805391 z .0465194 m .04000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.965674 SAB 4.485858 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             |     |           |     |                               | m.  | •040000                          |
| PRA .9700000 PRB .9207166 PRC 1.0056680 I .1933708 min .0980144 max .29157 n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 1.04.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .64796 PRA .940000 PRB .9007212 PRC .9933663 L .1163731 min .0989945 max .27255 n .1000001 gam 14.029656 b-al 10.475587 the 1.00.47561 phi 1.04.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115 PRA .9500000 PRB .9132697 PRC .9933663 L .1599083 min .0989945 max .27255 n .1000001 gam 14.029656 b-al 10.475587 the 1.00.47561 phi 1.04.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115 PRA .9500000 PRB .9132697 PRC .9933663 L .1599083 min .0989945 max .27255 n .1000001 gam 14.029656 b-al 10.475587 the 1.00.47561 phi 1.04.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 n .259056 PRA .9500000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 n .259056 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 n .259056 PRA .9600000 PRB .92656 b-al 10.475587 the 100.47561 phi 1.04.02968  N 6.0000000 w1 .1400000 w2 .0500000 w3 .0300000 SF .0259056 JFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 n .2036724 m .060000 PRB .9260000 PRB .9870924 PRC .9933663 L .2252102 min .0989945 max .27255 n .2036724 m .060000 PRB .9863312 PRC 1.0073043 L .1262157 z .0236724 m .060000 PRB .9863312 PRC 1.0073043 L .1259766 min .1179969 max .29157 n .1200001 gam 15.826319 b-al 8.714620 the .98.714643 phi 1.05.82634 2-LEVEL PRRU  N 6.0000000 w1 .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.96564 SAB 4.438580 Sf 3.192599 K .0805391 z .0665194 m .04000  | N   | 6.0000000           | wl  | .1400000  | M5   | .0500000    | w3  | .0200000  | SF  | .0226936                      | LFr | .7005978                         |
| n .1000001 gam 14.029656 b-al 8.714620 the 98.714643 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .64796 PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .0989945 max .27255 Si 5.224261 SAB 3.610790 Sf 3.183285 K .0173786 z .0780909 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70115 PRA .9500000 PRB .9132697 PRC .9933663 L .1599083 min .0989945 max .27255 Si 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 IFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0256724 m .060000 n .1000001 gam 14.02965 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0256724 m .060000 PRB .9200000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 Si 7.836352 SAB 4.916836 Sf 3.185285 K .1262157 z .0256724 m .060000 PRB .9883312 PRC .007073043 L .1259766 min .1179969 max .29157 Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 PRB .9122177 PRC .9747185 L .19853599 min .1179969 max .29157 Si 6.9600000 PRB .9122177 PRC .9747185 L .19853599 min .1179969 max .29157 Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             |     |           |     |                               |     | 2915749                          |
| PRA .9400000 PRB .9007212 PRC .9933663 L .1163731 min .0989945 max .27255 S1 5.224261 SAB 3.610790 Sf 3.183285 K .0173786 z .0780909 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the loo.47561 phi lo4.02968 N 6.0000000 PRB .9132697 PRC .9933663 L .1599083 min .0989945 max .27255 S1 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the loo.47561 phi lo4.02968 N 6.0000000 Wl .1400000 W2 .0500000 W3 .0300000 SF .0259056 JFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .060000 n .1000001 gam 14.029656 b-al 10.475587 the loo.47561 phi lo4.02968 N 6.0000000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .060000 n .1000001 gam 14.029656 b-al 10.475587 the loo.47561 phi lo4.02968 N 6.0000000 W1 .1400000 W2 .0600000 W3 .0200000 SF .0305395 LFr .65723 PRA .9600000 PRB .8883512 PRC l.0073043 L .1259766 min .1179969 max .29157 S1 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi lo5.82634 2-LEVEL THRU N 6.0000000 W1 .1400000 W2 .0600000 W3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .91221.77 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      | 4 1 1       |     |           |     |                               | 111 | •0+00000                         |
| \$1 5.224261 SAB 3.610790 Sf 3.183285 K .0173786 z .0780909 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the l00.47561 phi 104.02968 m .06000 N 6.0000000 V1 .1400000 V2 .0500000 W3 .0300000 SF .0259056 LFr .70119 PRA .9500000 PRB .9132697 PRC .9933663 L .1599083 min .0989945 max .27255 S1 6.269107 SAE 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the l00.47561 phi 104.02968 N 6.000000 W1 .1400000 W2 .0500000 W3 .0300000 SF .0259056 JFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .060000 n .1000001 gam 14.02966 b-al 10.475587 the l00.47561 phi 104.02968 N 6.0000000 W1 .1400000 W2 .0600000 W3 .0200000 SF .0259056 JFr .65723 PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 S1 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU N 6.0000000 W1 .1400000 W2 .0600000 W3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000  |     |                     |     |           |      |             |     |           | SF  |                               | LFr | .6479817                         |
| n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 LFr .70119 PRA .950000 PRB .9132697 PRC .9933663 L .1599083 min .0989945 max .27255 S1 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 JFr .78101 PRA .960000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .63723 PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 S1 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000  |     |                     |     |           |      |             |     |           |     |                               |     | .2725549<br>.0600001             |
| PRA .9500000 PRB .9132697 PRC .9933663 L .1599083 min .0989945 max .27255 S1 6.269107 SAB 4.133213 Sf 3.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the loo.47561 phi 104.02968 N 6.0000000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 S1 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .060000 n .1000001 gam 14.029656 b-al 10.475587 the loo.47561 phi 104.02968 N 6.0000000 W1 .1400000 W2 .0600000 W3 .0200000 SF .0305395 LFr .63723 PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 S1 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU N 6.0000000 W1 .1400000 W2 .0600000 W3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 S1 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             |     |           |     |                               |     |                                  |
| Si 6.269107 SAB 4.133213 Sf 5.183285 K .0609138 z .0563233 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 JFr .78101 PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .63723 PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             | -   |           |     |                               |     | .7011957                         |
| n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0500000 w3 .0300000 SF .0259056 IFr .78101  PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255  Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000  n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 IFr .63723  PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157  Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000  n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 IFr .72592  PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157  Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             |     |           |     |                               |     | •2725549<br>•0600001.            |
| PRA .9600000 PRB .9270924 PRC .9933663 L .2252102 min .0989945 max .27255 Si 7.836352 SAB 4.916836 Sf 3.183285 K .1262157 z .0236724 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 Wl .1400000 W2 .0600000 W3 .0200000 SF .0305395 LFr .63723 PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 Wl .1400000 W2 .0600000 W3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             |     |           |     |                               |     |                                  |
| Si 7.836352 SAB 4.916836 • Sf 3.183285 K .1262157 z .0236724 m .06000 n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .63723 PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             |     |           |     |                               |     | .7810145                         |
| n .1000001 gam 14.029656 b-al 10.475587 the 100.47561 phi 104.02968  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .63723  PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157  Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000  n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .72592  PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157  Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000  |     |                     |     |           |      |             |     |           |     |                               |     | •2725549<br>•0600001             |
| PRA .9600000 PRB .8883312 PRC 1.0073043 L .1259766 min .1179969 max .29157 Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 IFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000   |     |                     |     |           |      |             |     |           |     |                               |     |                                  |
| Si 5.224249 SAB 3.567868 Sf 3.192599 K .0079797 z .0827991 m .04000 n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 IFr .72592 PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157 Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000  |     |                     |     |           |      |             |     |           |     |                               |     | .6372309                         |
| n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634 2-LEVEL THRU  N 6.0000000 wl .1400000 w2 .0600000 w3 .0200000 SF .0305395 LFr .72592  PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 max .29157  Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000  |     | 5.224249            | SAB | 3.567868  | Sf   | 3.192599    |     | .0079797  |     | .0827991                      | m   | .0400000                         |
| PRA .9700000 PRB .9122177 PRC .9747185 L .1985359 min .1179969 mex .29157 Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000  |     | 3000003             |     |           |      | 8.714620    | the | 98.714643 |     |                               |     |                                  |
| Si 6.965674 SAB 4.438580 Sf 3.192599 K .0805391 z .0465194 m .04000  |     |                     |     |           |      |             |     | .0200000  |     | .0305395<br>.11 <b>79</b> 969 |     | ·7259207                         |
| n .1200001 gam 15.826319 b-al 8.714620 the 98.714643 phi 105.82634   |     |                     |     | 4.438580  |      | 3.192599    |     | .0805391  |     | .0465194                      |     | .0400000                         |
|  | n   |                     | gam |           | b-al |             | the |           | phi |                               |     |                                  |

|          | 6.0000000         | wl    | .1400000             | W2              | .0600000     | w3         | .0300000    | SF   | .0337515   | LFr         | .6621790                                |
|----------|-------------------|-------|----------------------|-----------------|--------------|------------|-------------|------|------------|-------------|---|
| N        |                   |       | 8787943              | PRC             | 1.0272256    | T.         | .1215382    | min  | 1189769    | max         | 2725549                                 |
| PRA      | •9387608          | PRB   |                      |                 |              |            | .0025612    |      | .0755083   |             | .0600001                                |
| Si       | 5.224258          | SAB   | 3.542332             | Sf              | 3.197734     | K          |             | 2    |            | m<br>O TE   |   |
| n        | <b>.</b> 1200001. | gam   | 15.826319            | D-ST            | 10.475587    | the        | 1.00.47561  | phi  | 1.05.82634 | 2=1.40      | VEL THRUST                              |
|          |                   |       |                      |                 |              |            |             | -7-3 |            |             |   |
| N        | 6.0000000         | W1    | .1400000             | w2              | •0600000     | W3         | .0300000    | SF   | 0337515    | LFr         | .7220450                                |
| PRA      | .9500000          | PRB   | .9004373             | PRC             | .9673534     | L          | .1.650734   | min  | .1189769   | max         | .2725549                                |
| S.       | 6.269103          | SAB   | 4.071229             | Sf              | 3.197734     | K          | .0460965    | 7.   | .0537407   | m           | .0600001                                |
| n ·      | .1200001          | gam   | 15.826319            | b-al            | 10.475587    | the        | 1.00.47561  | phi  | 105.82634  |             |   |
| 11       | • 1200001         | (noan | <b>L</b> ) •01.0,12, | O-Call          | 401117701    | 4110       | 5.00.117011 | .,,  | ,          |             |   |
| NT       | 6,0000000         | wl    | .1400000             | MS.             | .0600000     | w3         | .0300000    | SF   | .0337515   | LFr         | .8118410                                |
| N,       |                   |       |                      |                 |              |            | •2303753    | min  | 1189769    | max         | .2725549                                |
| PRA      | .9600000          | PRB   | .9165078             | PRC             | 9673534      | L          |             |      |            |             |   |
| Si       | 7.836349          | SAB   | 4.854851             | Sf              | 3.197734     | K          | .1.1.13984  | Z    | .021.0898  | m           | .0600001                                |
| n        | .1200001          | gam   | 15.826319            | b-al            | 10.475587    | the        | 100.47561   | phi  | 105.82634  |             |   |
|          |                   |       |                      |                 |              |            |             |      |            |             |   |
| N        | 6.0000000         | w.l.  | .1400000             | w2              | .0600000     | w3         | .0400000    | SF   | .0380440   | LFr         | .7364101                                |
| PRA      | .9300000          | PRB   | .8978841             | PRC             | .9546336     | I.         | .1480675    | min  | .1196416   | max         | .2532196                                |
| SI       | 5.970581          | SAB   | 3.904446             | Sf              | 3.205232     | К          | .0284259    | Z    | .0525760   | m           | .0800001                                |
|          | .1.200001.        |       | 15.826319            | b-al            | 12.246622    | the        | 1.02.24664  | phi  | 105.82634  | •••         | *************************************** |
| n        | • 1.20000n.       | gam   | 17.020719            | <b>U−</b> ₹1,1, | 12.240022    | ULRE       | 1.02.24004  | DITT | 107.02074  |             |   |
|          |                   |       |                      |                 |              |            | alianana    | ~-   |            |             |   |
| N        | 6.0000000         | W].   | .1.400000            | w2              | .0600000     | w3         | .0400000    | SF   | .0380440   | JFr         | •7997589                                |
| PRA      | .9400000          | PRB   | .9094259             | PRC             | •9546336     | L          | 1895294     | min  | .1196416   | max         | .25321.96                               |
| Si       | 6.965667          | SAB   | 4.401989             | Sf              | 3.205232     | K          | •0698878    | Z    | .031.8451  | m           | .0800001                                |
| n        | .1200001          | gam   | 15.826319            | b-al            | 12.246622    | the        | 102.24664   | phi  | 105.82634  |             |   |
|          |                   |       |                      |                 |              |            |             |      |            |             |   |
| N        | 6.0000000         | wl    | .1400000             | w2              | .0600000     | w3         | .0400000    | SF   | .0380440   | LFr         | .8884506                                |
| PRA      | •9500000          | PRB   | 9218004              | PRC             | .9546336     | L          | 2475777     | min  | .1196416   | max         | .2532196                                |
|          |                   |       | 5.098568             | Sf              |              |            |             |      | .0028210   |             | .0800001                                |
| Si       | 8.358825          | SAB   |                      |                 | 3.205232     | K          | .1279361    | Z    |            | m           | •000001                                 |
| n        | .1200001          | gam   | 15.826319            | b-al.           | 12.246622    | the        | 1.02.24664  | phi  | 105.82634  |             |   |
|          |                   |       |                      |                 |              |            |             |      |            |             |   |
| N        | 6.0000000         | wl    | .1.400000            | 115             | .0700000     | <b>w</b> 3 | .0200000    | SF   | .0404949   | LFr         | .7502394                                |
| PRA      | •9700000          | PRB   | .9043691             | PRC             | .9465071     | L          | .2039223    | min  | .1383266   | max         | .2915749                                |
| Si       | 6.965677          | SAB   | 4.373947             | Sf              | 3.21.2058    | K          | .0655957    | Z    | .0438263   | m           | .0400000                                |
| n        | .1400001          | gem   | 17.639436            | b-al            | 8.714620     | the        | 98.714643   | phi  | 107.63946  |             |   |
|          | •                 | 0     | 1                    |                 |              |            | ,           | ^    |            |             |   |
| N        | 6.0000000         | wl    | .1400000             | w2              | .0700000     | ₩3         | .0300000    | SF   | .0437069   | LFr         | .7419243                                |
| PRA      | •9500000          | PRB   | 8896618              | PRC             | .941.8682 *  | L          | .1704579    | min  | .1393067   | max         | .2725549                                |
|          | 6.269060          |       |                      |                 |              |            |             |      |            |             | .0600001                                |
| Si       |                   | SAB   | 4.006572             | Sf              | 3.217193     | K          | .0311512    | Z    | .0510485   | m           | •0000001                                |
| n        | .1400001          | gam   | 17.639436            | b-al            | 10.475587    | the        | 100.47561   | phi  | 107.63946  |             |   |
|          |                   |       |                      |                 |              |            |             | -    | al. ~~ aCa |             | 01.25025                                |
| N        | 6.0000000         | MJ.   | .1400000             | w2              | .0700000     | w3         | .0300000    | SF   | .0437069   | LFr         | .8417015                                |
| PRA      | •9600000          | PRB   | .9077124             | PRC             | .9418682     | L          | .2357617    | min  | .1393067   | max         | .2725549                                |
| Si       | 7.836351          | SAB   | 4.790218             | Sf              | 3.217193     | K          | .0964550    | Z    | .0183966   | m           | .0600003.                               |
| n        | .1400001          | gam   | 17.639436            | b-al            | 10.475587    | the        | 100.47561   | phi  | 107.63946  |             |   |
|          |                   |       |                      |                 |              | 4          |             |      |            |             |   |
| N        | 6.0000000         | wl    | .1400000             | w2              | .0700000     | w3         | .0400000    | SF   | .0479994   | LFr         | .7544155                                |
| PRA      | •9300000          | PRB   | .881.6544            | PRC             | .9525326     | L          | 1.534538    | min  | 1399713    | mex         | 2532196                                 |
| Si       | 5.970583          | SAB   | 3.839812             | Sf              | 3.224692     | K          | 0134825     | Z    | .0498828   | m           | .0800001                                |
|          |                   |       |                      |                 |              |            | 102 24664   |      |            |             |   |
| n        | <b>.</b> 1400001. | gam   | 17.639436            | D-al.           | 12.246622    | the        | 102.24004   | phi  | 107.63946  | 2-LUV       | EL THRUST                               |
|          |                   |       |                      |                 |              |            |             |      | .1         |             | 0-1                                     |
| N        | 6.0000000         | wl    | · 37400000           | 145             | .0700000     | W3         | .0400000    | SF   | .0479994   | LFr         | .8240996                                |
| PRA      | .9400000          | PRB   | .8959132             | PRC             | .9342497     | L          | .1049158    | min  | .1399713   | max         | .2532196                                |
| Si       | 6.965670          | SAB   | 4.337355             | S£              | 3.224692     | K          | .0549445    | Z    | .0291519   | m           | .0800001                                |
| n        | .1400001          | gam   | 17.639436            | b-al            | 12.246622    | the        | 102.24664   | phi  | 107.63946  |             |   |
|          |                   |       |                      |                 |              |            |             |      |            |             |   |
| N        | 6.0000000         | wl    | .1400000             | W2              | .0700000     | w3         | .0400000    | SF   | .0479994   | LFr         | .9216566                                |
| PRA      | •9500000          | PRB   | .91.031.60           | PRC             | 9342497      | L          | 2529621.    | min  | 1399713    | max         | .2532196                                |
| Si       | 8.358782          | SAB   | 5.033911             | Sf              | 3.224692     | K          | 11.29908    | Z    | .0001287   | m           | .0800001                                |
| n        | 1400001           |       | 17.639436            |                 | 12.246622    |            | 102.24664   |      | 107.63946  | 111         | TOOOOT                                  |
| 71       | ● ASTONOMIA.      | Cam   | ±1.079470            | . D⊨a.!.        | TC • CH 1022 | the        | 106.64004   | phi  | .101.00940 |             |   |
| **       | 6 0000000         | 7     | 21,00000             |                 | 000000       | -          | 0000000     | CTT- | 000000     |             | may (1, - (                             |
| N<br>DDA | 6.0000000         | Wl    | .1400000             | MS.             | 0800000      | w3         | .0200000    | SF   | .0528622   | $_{ m LFr}$ | .7736406                                |
| PRA      | .9700000          | PRB   | .8967689             | PRC             | 9217977      | L          | •2095375    | min  | •1590059   | max         | 2915749                                 |
| Si       | 6.965702          | SAB   | 4.306589             | Sf              | 3.238153     | K          | .0505316    | Z    | .0410187   | m           | .0400000                                |
| n        | .1600002          | gam   | 19.470994            | b-a.1.          | 8.714620     | the        | 98.714643   | phi  | 1.09.47102 |             |   |
|          |                   |       |                      |                 |              |            |             |      |            | <b>8</b> 6  |   |

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|   | N          | 6,0000000             | wl          | .1400000             | w2       | .0800000                   | w3     | .0300000             | SF           | .0560742             | LFr      | .7609186   |
|---|------------|-----------------------|-------------|----------------------|----------|----------------------------|--------|----------------------|--------------|----------------------|----------|------------|
| ٠ | PRA        |                       | PRB         | .8791359             | PRC      | .9365261                   | L      | .1760731             | min          | .1599860             | max      | .2725549   |
|   | Si         | 6.269086              | SAB         | 3.939215             | Sf       | 3.243288                   | K      | 01.60871             | z            | .0482409             | m        | .0600001   |
|   | n          | .1600001              | gam         | 19.470994            | b-al 10  | 0.475587                   | the    | 100.47561            | phi          | 109.471.02           | 2-LE     | VEL THRUST |
|   | RT.        | 6,0000000             | ΝĴ          | .1400000             | w2       | 0800000                    | w3     | .0300000             | SF           | .0560742             | IFr      | .8706732   |
|   | N PRA      |                       | PRB         | 8997335              |          | 9188160                    | L      | .2413769             | min          | .1599860             | max      | 2725549    |
|   | Si         | 7.856377              | SAB         | 4.722860             |          | 3.243288                   | ĸ      | .0813909             | Z            | .0155890             | m        | .0600001   |
|   | n          | .1600001.             | gem         | 19.470994            |          | 0.475587                   | the    | 100.47561            | phi          | 109.47102            |          |            |
|   |            | •100000               | D           |                      |          | .,,,,,,,                   |        | 20011702             | F            |                      |          |            |
|   | V.         | 6.0000000             | w.l.        | .1600000             |          | 0400000                    | w3     | .0200000             | SF           | .0168142             | LFr      | .6689901   |
|   | PRA        | •9600000              | PRB         | .9128680             |          | .0798585                   | L      | .1212559             | min          | .0786012             | max      | .2713218   |
|   | Si         | 5.224258              | SAB         | 3.624525             |          | 3.159096                   | K      | .0426547             | Z            | .0750329             | · m      | .0400000   |
|   | n          | .0800001              | gem         | 13.050236            | b-al 9   | <b>9.</b> 281. <b>67</b> 2 | the    | 99.281695            | phi          | 103.05026            |          |            |
|   | N          | 6.0000000             | wl          | .1600000             | w2 .     | .0400000                   | w3     | .0200000             | SF           | .0168142             | LFr      | .7355070   |
|   | PRA        | .9700000              | PRB         | 9297452              |          | 0798585                    | L      | .1938152             | min          | .0786012             | max      | .2713218   |
|   | Si         | 6.965683              | SAB         | 4.495237             |          | 3.159096                   | K      | .1152141             | Z            | .0387532             | m        | .0400000   |
|   | n          | .0800001              | gam         | 13.050236            |          | 281672                     | the    | 99.281695            | phi          | 103.05026            |          |            |
|   |            | (                     |             | 3600000              |          | 0500000                    |        |                      | œ            | 00001.07             |          | (000017    |
|   | N          | 6.0000000             | M.J.        | .1600000             |          | 0500000                    | w3     | .0200000             | SF           | .0229483             | LFr      | .6852913   |
|   | PRA<br>Si  | .9600000<br>5.224251  | PRB<br>SAB  | .8998757<br>3.563773 |          | .0438872<br>3.166041       | L<br>K | .1263180<br>.0278990 | min          | .0984190<br>.0725018 | max      | .2713218   |
|   |            |                       |             |                      | -        | 281672                     |        | 99.281695            | Z            | 104.95524            | m        | •040000    |
|   | n          | .1000001              | gam         | 14.955219            | b-al 9   | . 2010/2                   | the    | 99.201097            | phi          | 104.97724            |          |            |
|   | N'         | 6.0000000             | wl          | .1600000             | -        | 0500000                    | 143    | .0200000             | SF           | .0229483             | LFr      | .7628946   |
|   | PRA        | .9700000              | PRB         | .9195351             |          | .0438872                   | L      | .1988773             | min          | .0984190             | max      | .2713218   |
|   | Si         | 6.965676              | SAB         | 4.434485             |          | 166041                     | K      | .1004583             | Z            | .0362222             | m        | .0400000   |
|   | n          | .1000001              | gam         | 14.955219            | b-al 9   | <b>.</b> 281.6 <b>7</b> 2  | the    | 99.281695            | phi          | 104.95524            |          |            |
|   | N          | 6.0000000             | wl          | .1600000             | w2 .     | 0500000                    | w3     | .0300000             | SF           | .0262041             | LFr      | .7112475   |
|   | PRA        | .9400000              | PRE         | .8988857             |          | 0300549                    | L      | .1218319             | min          | .0992878             | max      | .2521905   |
|   | Si         | 5.224218              | SAP         | 3.545241             | Sf 3     | .169486                    | K      | .0225441             | Z            | .0651793             | m ·      | .0600001   |
|   | n          | .10000001             | gam         | 14.955219            | b-al 11  | .159840                    | the    | 101.15986            | phi          | 104.95524            |          |            |
|   | M          | 6.0000000             | wl          | .1600000             | w2 .     | 0500000                    | w3     | .0300000             | SF           | .0262041             | LFr      | .7644615   |
|   | PRA        | •9500000              | PRB         | .9118721             |          | 0300549                    | L      | .1653671             | min          | .0992878             | max      | .2521905   |
|   | Si         | 6.269063              | SAB         | 4.067664             |          | 169486                     | K      | .0660794             | Z            | 0434117              | m        | .0600001   |
|   | n          | .1000001              | gam         | 14.955219            | _        | 159840                     | the    | 101.15986            | phi          | 104.95524            |          | .000000    |
|   | 27         | ( 0000000             | 1           | 1600000              | 0        | 0500000                    | ••7    | 0300000              | CTRI         | .0262041             | T Time   | .8442831   |
|   | N<br>PRA   | 6.0000000<br>.9600000 | W.L.<br>PRB | .1.600000            |          | 0300549                    | L<br>L | .0300000<br>.2306709 | min          | .0202041             | LFr      | .2521905   |
|   | Si         | 7.836355              | SAB         | 4.851310             |          | .169486                    | K      | .1313832             | 2            | .0107598             | max<br>m | .0600001   |
|   | n          | .1000001              | gam         | 14.955219            | b-al 11  |                            | the    | 101.15986            | phi          | 104.95524            | 114      | •000000    |
|   |            |                       |             |                      |          |                            |        |                      |              | , 0                  |          |            |
|   | Й          | 6.0000000             | w]_         | .1600000             |          | 0600000                    | w3     | .0200000             | SF           | .0308733             | LFr      | .7005444   |
|   | PRA        | .9600000              | PRB         | .8884163             |          | 0211216                    | L      | .1316013             | min          | .1185874             | max      | .2713218   |
|   | Si         | 5.224261              | SAB         | 3.500383             |          | .175481                    | K      | .0130140             | Z            | .0698602             | m        | .0400000   |
|   | n          | .1200001              | gem         | 16.876945            | b-al 9   | .281.672                   | the    | 99.281695            | phi          | 106.87697            | 2=LE\    | EL THRUST  |
|   | N          | 6.0000000             | wl          | .1600000             |          | 0600000                    | w3     | .0200000             | SF           | .0308733             | LFr      | .7892342   |
|   | PRA        | .9700000              | PRB         | .9108624             |          | 0088868                    | L      | .2041607             | min          | .1185874             | max      | .2713218   |
|   | Si         | 6.965686              | SAB         | 4.371095             |          | .175481                    | K      | .0855733             | Z            | .0335805             | m        | .0400000   |
|   | n          | .1200003              | gam         | 16.876945            | h-al 9   | .281672                    | the    | 99.281695            | phi          | 106.87697            |          |            |
|   | N          | 6.0000000             | wl.         | .1.600000            | w2 .     | 0600000                    | w3     | .0300000             | SF.          | .0341292             | LFr      | .7264938   |
|   | PRA        | .9400332              | PRB         | .8807272 .           |          | 0365895                    | L      | .1271153             | min          | .1194561             | max      | .2521905   |
|   | Si         | 5.224228              | SAB         | 3.482027             |          | 178925                     | K      | .0076591             | Z            | .0625376             | m        | .0600001   |
|   | n          | .1200001.             | gem         | 16.876945            | b-al 1.1 |                            | the    | 101.15986            | phi          | 106.87697            |          | EL THRUST  |
|   | Ŋ          | 6.0000000             | w].         | .1600000             | w2 .     | 0600000                    | w3     | .0300000             | SF           | .0341292             | LFr      | .7863588   |
|   | PRA        | .9500000              | PRB         | .8987725             |          | 0004414                    | L      | .1706505             | m <b>i</b> n | 1194561              | max      | .2521905   |
|   | S <b>1</b> | 6.269074              | SAB         | 4.004274             | Sf 3     | 178925                     | K      | .0511944             | z            | .0407700             | m        | .0600001.  |
|   | η          | .1200001              | gam         | 16.876945            | b-al 11. |                            | the    | 101.15986            | phi          | 106.87697            |          | 1000000T#  |
|   |            |                       |             |                      |          |                            |        | V                    |              |                      |          |            |

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| BY  | 6.0000000 -      | 7.07 | .1600000  | w2            | .0600000          | w3       | .0300000                                | SF    | .0311292  | LFr    | .8761578          |
|-----|------------------|------|-----------|---------------|-------------------|----------|---|-------|-----------|--------|-------------------|
| N   |                  | M]   |           | PRC           | 1.0004414         | L        | .2359543                                | min   | .1194561  |        |                   |
| PRA | .9600000         | PRB  | 9153405   |               |                   |          |   |       | 1         | max    | .2521905          |
| Si  | 7.836365         | SAB  | 4.787920  | Sf            | 3.178925          | K        | .1164982                                | Z     | .0081181  | m      | .0600001          |
| n   | .1200001         | gam  | 16.876945 | b-al          | 11.159840         | the      | 101.15986                               | phi   | 106.87697 |        | go,               |
|     |                  |      |           |               |                   |          |   |       |           |        | ~ ~               |
| N   | 6.0000000        | wl   | .1600000  | w2            | .0600000          | w3       | .0400000                                | SF    | .0384894  | LFr    | .7542620          |
|     |                  |      |           | PRC           | 1.0489017         | L        | .1224938                                | min   |           |        |                   |
| PRA | .9175379         | PRB  | .8793126  |               |                   |          |   |       | .1199861  | max    | .2327205          |
| Si  | 5.224216         | SAB  | 3.452107  | Sf            | 3.183921          | K .      | .0025076                                | Z     | .0551133  | m      | :0800001          |
| n   | .1200001         | gam  | 16.876945 | b-al          | 13.050236         | the      | 103.05026                               | phi   | 106.87697 | 2-LE   | VEL THRUST        |
|     |                  |      |           |               |                   |          |   |       |           |        |                   |
| N   | 6.0000000        | wl   | .1600000  | w2            | .0600000          | . Ew     | .0400000                                | SF    | .0384894  | LFr    | .8017759          |
|     |                  | PRB  |           | PRC           | .9860114          | L        | .1535912                                |       |           |        |                   |
| PRA | .9300000         |      |           |               |                   |          |   | min   | .1199861  | max    | .2327205          |
| Si  | 5.970554         | SAB  | 3.838135  | Sf            | 3.183921          | K        | .0336050                                | Z     | .0395646  | m      | .0800001          |
| n   | .1200001         | gam  | 16.876945 | b-al          | 13.050236         | the      | 103.05026                               | ph.t. | 106.87697 |        |                   |
|     |                  |      | `         |               |                   |          |   |       |           |        |                   |
| N   | 6.0000000        | wl   | .1600000  | w2            | .0600000          | w3       | .0400000                                | SF    | .0384894  | LFr    | .8651247          |
|     |                  |      |           |               |                   |          |   |       |           |        |                   |
| PRA | .9400000         | PRB  | 9080407   | PRC           | .9860114          | L        | .1950531                                | min   | .1199861  | mex    | 2327205           |
| Si  | 6.965640         | SAB  | 4.335678  | Sf            | 3.183921          | K        | .0750670                                | Z     | .0188337  | m      | .0800001          |
| n   | .1200001         | gam  | 16.876945 | b-al          | 13.050236         | the      | 103.05026                               | phi   | 106.87697 |        |                   |
|     |                  | •    |           |               |                   |          |   |       |           |        |                   |
| N   | 6.0000000        | 771  | .1600000  | w2            | .0700000          | w3       | .0200000                                | CTP   | .0409126  | LFr    | .8146238          |
|     |                  | Wl   |           |               |                   | -        | 1                                       | SF    |           |        | _                 |
| PRA | .9700000         | PRB  | .9028326  | PRC           | .9764410          | L        | .2096844                                | min   | .1391306  | mex    | .2713218          |
| Si  | 6.965658         | SAB  | 4.304783  | Sf            | 3.188012          | K        | .0705538                                | Z     | .0308187  | m      | •0400000          |
| n   | .1400001         | gem  | 18.818803 | b-al          | 9.281672          | the      | 99.281695                               | phi   | 108.81882 |        |                   |
|     | 1                | 0    |           |               |                   |          |   | far.  |           |        |                   |
| N   | 6,0000000        | ••1  | .1600000  | ***           | 0700000           | •••      | .0300000                                | CTD   | .0441685  | LFr.   | .8073416          |
| N   |                  | wl   |           |               |                   | w3       |   | SF    |           |        | · -               |
| PRA | .9500000         | PRB  | .8877401  | PRC           | .9709731          | L        | .1761761                                | min   | •1399994  | me.x   | .2521905          |
| Si  | 6.269091         | SAB  | 3.937984  | Sf            | 3.191456          | K        | .0361767                                | Z     | .0380072  | m      | .0600001          |
| n   | .1400001         | gem  | 18.818803 | b-al          | 11.159840         | the      | 101,15986                               | phi   | 108.81882 |        |                   |
|     |                  |      |           |               |                   | -        | 202.1//00                               | P     | 200,02002 |        |                   |
|     | (                | . /  | 1/2222    |               |                   |          |   |       | 11 - 60 - |        | 00                |
| N   | 6.0000000        | wl   | .1600000  | w2            | .0700000          | w3       | .0300000                                | SF    | .0441685  | LFr    | .9071188          |
| PRA | •9600000         | PRB  | .9063718  | PRC           | .9709731          | L        | .2414799                                | min   | •1399994  | max    | .2521905          |
| Si  | 7.836382         | SAB  | 4.721630  | Sf            | 3.191456          | K        | .1014805                                | 2     | .0053553  | m      | .0600001          |
| n   | .1400001         | gem  | 18.818803 |               | 11.159840         | the      | 101.15986                               | phi   | 108.81882 |        | •••••             |
| **  | \$140001         | Post | 10.01000) | U-all         | 11.175040         | OHE      | 101.1)900                               | bur   | 100.01005 | (74)   |                   |
|     |                  |      | 20        |               |                   | - 1      |   |       |           |        | (00               |
| N · | 6.0000000        | Wl   | .1800000  | w2            | .0400000          | w3       | .0200000                                | SF    | .0173683  | LFr    | .6872873          |
| PRA | .9499544         | PRB  | .8936280  | PRC           | 1.1617007         | L        | .0831585                                | min   | •0788846  | max .  | .2510347          |
| Si  | 4.179405         | SAB  | 3.036650  | Sf            | 3.152433          | K        | .0042739                                | Z     | .0839381  | m      | .0400000          |
| n · | .0800001         | gam  | 13.967897 | b-al          | 9.928032          | the      | 99.928055                               | phi   | 103.96792 | 2_T E  | VEL THRUST        |
|     | •0000001         | Boam | 10,0,0,0  | <b>5</b> -01. | ) • ) LOO) L      | Olic     | ))•)LOO))                               | PILL  | 107.70172 |        | TIMOUL            |
| **  | ( 0000000        |      | 3.000000  | _             | 01,00000          | -        | 222222                                  | -     | 0.07/07   |        | man 1 0000        |
| N   | 6.0000000        | wl   | .1800000  | w2            | .0400000          | w3       | .0200000                                | SF    | .0173683  | LFr    | .7271977          |
| PRA | <b>.9600</b> 000 | PRB  | .9112703  | PRC           | 1.1265296         | L        | .1266937                                | min   | .0788846  | max    | .2510347          |
| Si  | 5.224251         | SAB  | 3.559263  | Sf            | 3.152433          | K        | .0478092                                | Z     | .0621705  | m      | .0400000          |
| n   | .0800001         | gam  | 13.967897 | b-al          | 9.928032          | the      | 99.928055                               | phi   | 103.96792 |        |                   |
|     |                  | 0    | -2-2-1-21 |               | ,.,,.             | ****     | ,,,,,,,,,                               | F     | 207.70174 |        |                   |
| NT. | 6 000000         | **1  | .1800000  | 720           | aliana            | 7        | 000000                                  | CALI  | 0177607   | T Then | 7027155           |
| N   | 6.0000000        | Wl   |           | MS            | .0400000          | w3.      | .0200000                                | SF    | .0173683  | LFr    | •7937155          |
| PRA | .9700000         | PRB  | .9287102  |               | 1.1265296         | L        | .1992531                                | min   | .0788846  | max    | 2510347           |
| Si  | 6.965675         | SAB  | 4.429976  | Sf            | 3.152433          | K        | .1203685                                | Z     | .0258908  | m      | .0400000          |
| n   | .0800001         | gam  | 13.967897 | b-al          | 9.928032          | the      | 99.928055                               | phi   | 103.96792 |        |                   |
|     | .0000002         | 0000 | 20000001  |               | ) • ) ± 0 0 ) E   | 0110     | ))•)200))                               | Para  | 10/0/01/2 |        |                   |
| KT  | 6 0000000        | 1    | 1800000   |               | 0500000           | 7        | 0000000                                 | Otto  | 007573.07 | 7 771  | 71.1.1.00         |
| N   | 6.0000000        | wl   | .1800000  | w2            | .0500000          | w3       | .0200000                                | SF    | .0237103  | LFr    | ·7444983          |
| PRA | .9600000         | PRB  | .8979677  |               | 1.0865391         | L        | .1318703                                | min   | •0988860  | mex    | .2510347          |
| Si  | 5.224233         | SAB  | 3.497127  | Sf            | 3.156685          | K        | .0329843                                | Z     | .0595822  | m      | .0400000          |
| ń   | .1000001         | gem  | 16.013382 | b-al          | 9.928032          | the      | 99.928055                               | phi   | 106.01341 |        |                   |
|     |                  | J    | 3-27      |               | ) -) <del>-</del> | 7-10     | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | L     |           |        |                   |
| W   | 6 000000         | 7.07 | 1800000   | ***           | 050000            | 7        | 000000                                  | CTC)  | 00777.07  | T ===  | 0007.006          |
| N   | 6.0000000        | W]   | .1800000  | w2            | .0500000          | w3       | .0200000                                | SF    | .0237103  | IFr    | .8221026          |
| PRA | .9700000         | PRB  | •9183075  |               | 1.0865391         | $\Gamma$ | .2044296                                | min   | .0988860  | max    | .2510347          |
| Si  | 6.965658         | SAB  | 4.367840  | Sf            | 3.156685          | K        | .1055436                                | Z     | .0233025  | m      | .0400000          |
| n   | .1000001         | gem  | 16.013382 | b-al          | 9.928032          | the      | 99.928055                               | phi   | 106.01341 |        |                   |
|     |                  |      |           |               |                   | -        |   | 1     | 3325      |        |                   |
| N   | 6.0000000        | wl   | .1800000  | 7**           | 0500000           | v-2      | 0700000                                 | CHES  | 00707     | T 73.  | mm1.62=           |
|     |                  |      |           | w2            | .0500000          | w3       | .0300000                                | SF    | .0270767  | LFr    | .7714615          |
| PRA | 9400000          | PRB  | .8969679  |               | 1.0711298         | L        | .1273346                                | min   | .0996268  | max    | ·2317 <b>7</b> 55 |
| Si  | 5.224260         | SAB  | 3.479251  | Sf            | 3.158818          | K        | .0277078                                | Z     | .0522204  | m      | .0600001          |
| n   | .1000001         | gam  | 16.013382 |               | 11.940427         | the      | 101.94045                               | phi   | 106.01341 | -      |                   |
|     |                  | D.   |           | J CA J.,      | TLI COME          | OTIC     | エジエ・プサジマノ                               | PILL  | エーしゅしエノイエ |        |                   |

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| N<br>PRA<br>Si<br>n | 6.0000000<br>.9500000<br>6.269106<br>.1000001 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9104188<br>4.001674<br>16.013382   | w2 .0500000<br>PRC 1.0711298<br>Sf 3.158818<br>b-al 11.940427 | w3<br>L<br>K<br>the | .0300000<br>.1708698<br>.0712431<br>101.94045 | SF<br>min<br>z<br>phi | .0270767<br>.0996268<br>.0304528<br>106.01341 | LFr<br>max<br>m          | .8246746<br>.2317755<br>.0 <b>6</b> 00001      |
|---------------------|---|-------------------------|---|---|---------------------|---|-----------------------|---|--------------------------|--|
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9600000<br>5.224234<br>.1200001 | wl<br>PRB<br>SAB<br>gem | .1800000<br>.8864744<br>3.432080<br>18.079681   | w2 .0600000<br>PRC 1.0474748<br>Sf 3.162441<br>b-al 9.928032  | w3<br>L<br>K<br>the | .0200000<br>.1372910<br>.0180221<br>99.928055 | SF<br>min<br>z<br>phi | .0319138<br>.1192689<br>.0568718<br>108.07970 | LFr<br>max<br>m          | .7608061<br>.2510347<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9700000<br>6.965659<br>.1200001 | wl<br>PRB<br>SAB<br>gam | .1800000<br>.9094474<br>4.302792<br>18.079681   | w2 .0600000<br>PRC 1.0474748<br>Sf 3.162441<br>b-al 9.928032  | w3<br>L<br>K<br>the | .0200000<br>.2098503<br>.0905815<br>99.928055 | SF<br>min<br>z<br>phi | .0319138<br>.1192689<br>.0205922<br>108.07970 | IFr<br>max<br>m          | .8494968<br>.2510347<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9500000<br>4.179391<br>.0800001 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.8936631<br>2.971138<br>15.026039   | w2 .0400000<br>PRC 1.1851465<br>Sf 3.146796<br>b-al 10.671771 | w3<br>L<br>K<br>the | .0200000<br>.0886326<br>.0094206<br>100.67179 | SF<br>min<br>z<br>phi | .0182991<br>.0792121<br>.0710356<br>105.02606 | IFr<br>max<br>m<br>2-LEV | .7424002<br>.2307039<br>.0400000<br>VEL THRUST |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9600000<br>5.224237<br>.0800001 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9096017<br>3.493560<br>15.026039   | w2 .0400000<br>PRC 1.1781805<br>Sf 3.146796<br>b-al 10.671771 | w3<br>L<br>K<br>the | .0200000<br>.1321678<br>.0529558<br>100.67179 | SF<br>min<br>z<br>phi | .0182991<br>.0792121<br>.0492680<br>105.02606 | IFr<br>max<br>m          | .7823105<br>.2307039<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9700000<br>6.965661<br>.0800001 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9276370<br>4.364273<br>15.026039   | w2 .0400000<br>PRC 1.1781805<br>Sf 3.146796<br>b-al 10.671771 | w3<br>L<br>K<br>the | .0200000<br>.2047272<br>.1255151<br>100.67179 | SF<br>min<br>z<br>phi | .0182991<br>.0792121<br>.0129883<br>105.02606 | LFr<br>max<br>m          | .8488283<br>.2307039<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9600000<br>5.224257<br>.1000001 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.8959652<br>* 3.429814<br>17.235267 | w2 .0500000<br>PRC 1.1338476<br>Sf 3.148822<br>b-al 10.671771 | w3<br>L<br>K<br>the | .0200000<br>.1374817<br>.0380543<br>100.67179 | SF<br>min<br>z<br>phi | .0249939<br>.0994274<br>.0466111<br>107.23529 | LFr<br>max<br>m          | .8006525<br>.2307039<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9700000<br>6.965681<br>.1000001 | wl<br>PRB<br>SAB<br>gam | .2000000<br>.9170288<br>4.300526<br>17.235267   | w2 .0500000<br>PRC 1.1338476<br>Sf 3.148822<br>b-al 10.671771 | w3<br>L<br>K<br>the | .0200000<br>.2100411<br>.1106137<br>100.67179 | SF<br>min<br>z<br>phi | .0249939<br>.0994274<br>.0103314<br>107.23529 | LFr<br>max<br>m          | .8782559<br>.2307039<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9500000<br>4.179399<br>.0800001 | wl<br>PRB<br>SAB<br>gam | .2200000<br>.8912816<br>2.904862<br>16.260141   | w2 .0400000<br>PRC 1.2354141<br>Sf 3.141614<br>b-al 11.536790 | w3<br>L<br>K<br>the | .0200000<br>.0941563<br>.0145585<br>101.53681 | SF<br>min<br>z<br>phi | .0196610<br>.0795978<br>.0580818<br>106.26016 | LFr<br>max<br>m          | .7944527<br>.2103199<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9600000<br>5.224245<br>.0800001 | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9078536<br>3.427284<br>16.260141   | w2 .0400000<br>PRC 1.2354141<br>Sf 3.141614<br>b-al 11.536790 | w3<br>L<br>K<br>the | .0200000<br>.1376915<br>.0580937<br>101.53681 | SF<br>min<br>z<br>phi | .0196610<br>.0795978<br>.0363142<br>106.26016 | IFr<br>max<br>m          | .8343630<br>.2103199<br>.0400000               |
| N<br>PRA<br>Si<br>n | 6.0000000<br>.9700000<br>6.965669<br>.0800001 | wl<br>PRB<br>SAB<br>gam | .2200000<br>.9265211<br>4.297997<br>16.260141   | w2 .0400000<br>PRC 1.2354141<br>Sf 3.141614<br>b-al 11.536790 | w3<br>L<br>K<br>the | .0200000<br>.2102509<br>.1306531<br>101.53681 | SF<br>min<br>z<br>phi | .0196610<br>.0795978<br>.0000345<br>106.26016 | IFr<br>max<br>m          | .9008799<br>.2103199<br>.0400000               |

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